



MEM30305 Certificate III in Engineering - Fabrication Trade (Welding Yf)

National ID: MEM30305 | State ID: WT91

About this course

Are you looking for a career making and fixing all things mechanical?

When you complete the Certificate III in Engineering - Fabrication Trade (Heavy Yf) you'll be looking at a trades career as a boilermaker, welder, or fabricator.

You will gain the skills and knowledge to create and work with metal fabrications, using workshop machines, hand and power tools, metal, gas, flux core, tungsten, arc welding, thermal cutting, measuring, technical drawing, and workplace health and safety.

The Certificate III in Engineering - Fabrication Trade (Heavy Yf) is an apprenticeship: you must be employed in a training contract by an appropriate organisation to study.

Overview

Semester 1, 2019

Rockingham Campus - Classroom-Apprenticeship



When: **Semester 1, 2019**



How: **Apprenticeship
Part Time**

Units

Core

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

Elective

| Unit Title | National ID |
|---|-------------|
| Carry out mechanical cutting | MEM05005B |
| Perform brazing and or silver soldering | MEM05006C |
| Perform manual heating and thermal cutting | MEM05007C |
| Perform advanced manual thermal cutting, gouging and shaping | MEM05008C |
| Perform routine manual metal arc welding | MEM05012C |
| Perform manual production welding | MEM05013C |
| Monitor quality of production welding/fabrications | MEM05014C |
| Weld using manual metal arc welding process | MEM05015D |
| Perform advanced welding using manual metal arc welding process | MEM05016C |
| Weld using gas metal arc welding process | MEM05017D |
| Perform advanced welding using gas metal arc welding process | MEM05018C |
| Weld using gas tungsten arc welding process | MEM05019D |
| Perform advanced welding using gas tungsten arc welding process | MEM05020C |
| Weld using submerged arc welding process | MEM05023C |
| Apply welding principles | MEM05026C |
| Weld using flux core arc welding process | MEM05047B |
| Perform advanced welding using flux core arc welding process | MEM05048B |
| Perform routine gas tungsten arc welding | MEM05049B |
| Perform routine gas metal arc welding | MEM05050B |
| Select welding processes | MEM05051A |
| Apply safe welding practices | MEM05052A |

| Unit Title | National ID |
|--|-------------|
| Perform basic incidental heat/quenching, tempering and annealing | MEM06007B |
| Interpret technical drawing | MEM09002B |
| Use hand tools | MEM18001C |
| Use power tools/hand held operations | MEM18002B |

Entrance requirements

| School Leaver | Non-School Leaver | AQF |
|-------------------------|---|---------------------------------|
| OLNA or NAPLAN 9 Band 8 | C Grades in Year 10 English and Maths or equivalent | Certificate I or Certificate II |

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

Fees and charges

Indicative fees and charges

[2019 general admission fees list](#)

[2019 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.

Please note, fees are subject to change.