



AUM30218 Certificate III in Automotive Manufacturing Technical Operations - Bus, Truck and Trailer

National ID: AUM30218 | State ID: BEE4

About this course

This qualification will provide you with skills and knowledge used in the automotive manufacturing (bus, truck and trailer) sector. You will learn skills in preparing materials for fabrication using jigs/fixtures and manual processes, conducting mechanical cutting operations, performing various types of welding operations, mounting and assembling components and modifying or rectifying chassis/frame and associated components. You will also learn to contribute to workplace relationships and processes, provide customer service and participate in improving workplace productivity.




Vehicle construction and repair is a diverse trade requiring a broad range of skills. Vehicle Construction and Repair workers manufacture, modify and repair a wide range of purpose built heavy and light commercial vehicle bodies, trailers, chassis and components. These include buses, vans, tipping bodies, cabs, semi trailers, mining vehicles, heavy haulage, light vehicles, tankers, recovery vehicles and personnel carriers. Trades people in this industry use a vast variety of materials such as steel, aluminium, sheet metal, plastic, fiberglass, wood, rubber, glass and box sections and channel. They will weld (gas metal arc and electric arc welding) fit, bolt, rivet and glue these materials as well as install axles, suspension, brakes, wheels, hydraulic, pneumatic, lighting and electrical systems as required.

Overview

This course will 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 specific instructions to their student groups on how training will be undertaken.

All year round, 2020

Thornlie - Classroom-Apprenticeship

-  Duration: **24 Months**
-  When: **All year round**
-  How: **Apprenticeship
Part Time**

Units

Core

National ID	Unit Title
AUMATK002	Prepare and operate tools, equipment and machinery
AUMATK013	Monitor and maintain automotive equipment
AUMGLM011	Apply heavy vehicle standards
AUMGQA001	Apply workplace technical quality standards
AUMGTA011	Read and interpret work orders and working drawings
AUMGTM005	Read and interpret engineering drawings and determine requirements
AUMGTW001	Perform basic welding, thermal cutting, heating and gouging

National ID	Unit Title
AUMGTW002	Perform mechanical cutting
AURAF003	Communicate effectively in an automotive workplace
AURAMA001	Work effectively with others in an automotive workplace
AURASA002	Follow safe working practices in an automotive workplace

Elective

National ID	Unit Title
AUMGCA001	Provide customer service
AUMGTB011	Assemble, install and test braking system kits
AUMGTM001	Assemble vehicle components
AUMGTM002	Assemble vehicle frames and axles
AUMGTM006	Assemble, install and test hydraulic system kits
AUMGTM008	Bond and repair fibreglass components
AUMGTR002	Manufacture and modify vehicle wiring harnesses
AUMGTS001	Prepare materials for fabrication using jigs and fixtures
AUMGTS002	Prepare materials for fabrication using manual processes
AUMGTS004	Fabricate parts for vehicle sub-assemblies
AUMGTW003	Perform manual metal arc welding
AUMGTW004	Perform gas tungsten arc welding
AUMGTW005	Perform gas metal arc welding
AUMGTY002	Install vehicle components

National ID	Unit Title
AUMGTY003	Modify and repair chassis and frames
AURTTD003	Inspect suspension systems
TLILIC0003	Licence to operate a forklift truck

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

Job opportunities

Successful completion of this qualification provides you with the job role opportunities such as Automotive Manufacturing Technician, Vehicle Body Builder Technician, Coach Builder Technician or progression to a higher level qualification that may lead to gaining employment in a supervisory or management role.

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 2020
- 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.