HELLO THERE, OUR DREAM IS TO HELP YOU MAKE GREAT HAPPEN

Gain skills to become an Engineering Tradesperson

Fast-track your engineering career with this qualification. Develop practical and technical skills to interpret, fabricate and weld various engineering applications, from pipelines to bridges, from high-rise buildings to plant and mining equipment through to being able to use various workshop equipment within an engineering environment.

LOCATION/S
Bundamba, Dalby, Kingaroy, Roma, Toowoomba

DURATION
Workplace/TAFE: up to 4 years

Course delivery options
WORKLOAD LOCATION DELIVERY
Bundamba, Dalby, Kingaroy, Roma, Toowoomba Workplace/TAFE

Entry requirements

Students must be employed as an apprentice or trainee and have a signed Registered Training Contract, stating TAFE Queensland.

For further information about probationary periods for this trade qualification, visit...
...more online

Resources required

- steel capped boots
- protective clothing appropriate to your trade
- safety glasses
- personal...
...more online

Eligible apprentices and trainees who meet the Queensland state funding requirements will be charged a student contribution fee of $1.60 per nominal hour. For more information on the number of units funded for this course visit Queensland Training Information Service (QTIS).

Nominal hours for each unit will be outlined in the agreed training plan, which will be provided

...more online

Outcome
MEM30305 - Certificate III in Engineering - Fabrication Trade

Units

The minimum requirements for achievement of the Certificate III in Engineering - Fabrication Trade are:

- completion of all core units of competency listed below, and
- completion of Group A Fabrication stream units to the value of at least 40 points, and
- completion of units from Group B Certificate III Trade specialisation units to bring the total value to at least 73 points

Electives may differ between TAFE Queensland locations and regions.

MEM15002A Apply quality systems Care

ARE YOU READY TO TAKE THE NEXT STEP ON YOUR PATH TO GREAT?

Enrol today to secure your spot in this course.

HOW TO ENROL

Recognition of prior learning

Fast-track to a formal qualification by earning credit for the things you already know. Getting recognition for the skills you’ve gained from the workplace and/or previous learning means less study time for
MEM15024A Apply quality procedures Core
MEM16006A Organise and communicate information Core
MEM16007A Work with others in a manufacturing, engineering or related environment Core
MEM14005A Plan a complete activity Core
MEM14004A Plan to undertake a routine task Core
MEM12023A Perform engineering measurements Core
MEM12024A Perform computations Core
MEM16008A Interact with computing technology Core
MEM13014A Apply principles of occupational health and safety in the work environment Core
MEM17003A Assist in the provision of on the job training Core
MSEAENV272B Participate in environmentally sustainable work practices Core
MEM05038B Perform advanced geometric development - cylindrical/rectangular Elective
MEM05047B Weld using flux core arc welding process Elective
MEM05039B Perform advanced geometric development - conical Elective
MEM05016C Perform advanced welding using manual metal arc welding process Elective
MEM05049B Perform routine gas tungsten arc welding Elective
MEM05037C Perform geometric development Elective
MEM05036C Repair/replace/modify fabrications Elective
MEM05019D Weld using gas tungsten arc welding process Elective
MEM05020C Perform advanced welding using gas tungsten arc welding process Elective
MEM05023C Weld using submerged arc welding process Elective
MEM05050B Perform routine gas metal arc welding Elective
MEM05051A Select welding processes Elective
MEM18001C Use hand tools Elective
MEM18002B Use power tools/hand held operations Elective
MEM13001A Apply mathematical techniques in a manufacturing engineering or related environment Elective
MEM13001B Perform emergency first aid Elective
MEM12007D Mark off/out structural fabrications and shapes Elective
MEM13052A Apply safe welding practices Elective
MEM09002B Interpret technical drawing Elective
MEM10001C Erect structures Elective
MEM05018C Perform advanced welding using gas metal arc welding process Elective
MEM05017D Weld using gas metal arc welding process Elective
MEM05011D Assemble fabricated components Elective
MEM05012C Perform routine manual metal arc welding Elective
MEM05015D Weld using manual metal arc welding process Elective
MEM05010C Apply fabrication, forming and shaping techniques Elective
MEM05008C Perform advanced manual thermal cutting, gouging and shaping Elective
MEM05005B Carry out mechanical cutting Elective
MEM05007C Perform manual heating and thermal cutting Elective
MEM05048B Perform advanced welding using flux core arc welding process Elective
MEM05040B Perform advanced geometric development - transitions Elective

**Disclaimer**

The elective units available may vary between locations, delivery modes and intakes.

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More info:


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Accurate as at 19 February 2018. For the latest information see: tafesouthwest.edu.au/course/14118

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