MEM20413
Certificate II in Engineering Pathways
TAFE AT SCHOOL: (METAL FOCUS) APPRENTICESHIP IN ENGINEERING

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

Industry endorsed
Student satisfaction

Improve your chances of securing an apprenticeship

Improve your prospects of securing an apprenticeship and gain basic skills in engineering and manufacturing by enrolling in our Certificate II in Engineering Pathways. On graduating from this course you’ll be equipped with underpinning skills and knowledge in a range of engineering and manufacturing tasks. You’ll learn basic skills in welding, machining, pre-start checks, identifying and reporting faults as well as how to interpret job instructions, operating procedures and basic drawings.

Students undertake introductory competencies relating
...more online

LOCATION/S
Gold Coast - Ashmore

DURATION
Part time: 7 months / 1 day per week

Course delivery options

<table>
<thead>
<tr>
<th>WORKLOAD</th>
<th>LOCATION</th>
<th>DELIVERY</th>
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</thead>
<tbody>
<tr>
<td>Part time</td>
<td>Gold Coast - Ashmore</td>
<td>Classroom</td>
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</table>

Key dates
For key start dates for each location visit the online brochure for this course (under the course details tab).
tafegoldcoast.edu.au/course/15673

Entry requirements
- Students should contact their School Careers Officer.
- To enrol students
...more online

Resources required
Students are required to wear a long sleeved top or overalls, steel capped safety work boots and safety glasses
...more online

Place of work
Students will complete 80 hours of work
...more online

Costs

This program receives VET in Schools funding, therefore is fee free for eligible secondary school students. Please visit http://www.training.qld.gov.au/training-organisations/funded-programs/vetis.html for

...more online

Outcome
These competencies will contribute to an apprenticeship pathway and allow an advantage to the job recruit over other candidates that have not been exposed to this trade. It also allows a credit transfer of the competencies to shorten the

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

Accurate as at 19 October 2017. For the latest information see:
tafegoldcoast.edu.au/course/15673

RTO 0275
CRICOS 03020E
time spent away from the employer at training and also make the job recruit more employable.

Once this trade recognised course is completed it may lead to job opportunities in the engineering and construction industries.

Successful completion of this course will allow students to obtain 4 points towards their QCE.

Potential career outcomes - an apprenticeship in the following fields:
- Welder
- Boiler Maker
- Sheet Metal Worker
- Fabricator
- Diesel Fitter

Job prospects
- Apprenticeship - Engineering Trade

Units

Achievement of competence in units MEM13014A Apply principles of occupational health and safety in a work environment, MSAPMSUP106A Work in a team, MEM16006A Organise and communicate information, MEM16008A Interact with computing technology, MSAENV272B Participate in environmentally sustainable work practices, MEM18001C Use hand tools and MEM18002B Use power tools/hand held operations will provide credit towards a range of manufacturing and engineering trade and production qualifications.

Achievement of competence in all of the other units will provide advanced progress towards reaching competence in units contained in other metal and engineering qualifications.

To achieve this qualification the student must demonstrate competency in 12 units, 4 core and 8 electives.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEM13014A</td>
<td>Apply principles of occupational health and safety in the work environment</td>
<td>Core</td>
</tr>
<tr>
<td>MEM16006A</td>
<td>Organise and communicate information</td>
<td>Elective</td>
</tr>
<tr>
<td>MEM16008A</td>
<td>Interact with computing technology</td>
<td>Elective</td>
</tr>
<tr>
<td>MEM18001C</td>
<td>Use hand tools</td>
<td>Elective</td>
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<tr>
<td>MEM18002B</td>
<td>Use power tools/hand held operations</td>
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<tr>
<td>MSAPMSUP106A</td>
<td>Work in a team</td>
<td>Elective</td>
</tr>
<tr>
<td>MSAENV272B</td>
<td>Participate in environmentally sustainable work practices</td>
<td>Core</td>
</tr>
<tr>
<td>MEMPE005A</td>
<td>Develop a career plan for the engineering and manufacturing industry</td>
<td>Core</td>
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<tr>
<td>MEMPE006A</td>
<td>Undertake a basic engineering project</td>
<td>Core</td>
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<tr>
<td>MEMPE001A</td>
<td>Use engineering workshop machines</td>
<td>Elective</td>
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<tr>
<td>MEMPE002A</td>
<td>Use electric welding machines</td>
<td>Elective</td>
</tr>
<tr>
<td>MEMPE004A</td>
<td>Use fabrication equipment</td>
<td>Elective</td>
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Disclaimer

Not all electives available at all campuses