# Certificate II in Engineering Pathways

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

Improve your chances of securing an apprenticeship

Kick start your career in engineering with this pathway to an apprenticeship. Gain entry-level skills in key areas of engineering, mechanical and fabrication.

## LOCATION/S
- Bowen
- Cairns, Mt Isa, Townsville

## DURATION
- **Part time**: 12 weeks / 3 days per week
- **Full time**: 1 year / 1 day per week

## Course delivery options

<table>
<thead>
<tr>
<th>WORKLOAD</th>
<th>LOCATION</th>
<th>DELIVERY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part time</td>
<td>Bowen</td>
<td>Classroom</td>
</tr>
<tr>
<td>Full time</td>
<td>Cairns, Mt Isa, Townsville Trade Training Centre</td>
<td>Classroom</td>
</tr>
</tbody>
</table>

## Entry requirements
The minimum age requirement is 15 years. Ideally participants should possess a pass in

...more online

## Resources required
Please be aware that you will also be required to supply the following items at your cost:

- Clothing/safety

...more online

## Placement
It is highly recommended that students

...more online

## Key dates
For key start dates for each location visit the online brochure for this course (under the course details tab):

tafenorth.edu.au/course/14856

## Entry requirements
- The Queensland Government will offset the cost of study for eligible students. You will still need to pay for a portion of your study costs. The amount above is what you will need to pay.

## Costs

<table>
<thead>
<tr>
<th>Cost Type</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FULL FEE</strong></td>
<td>$4,332</td>
</tr>
<tr>
<td><strong>SUBSIDISED</strong></td>
<td>$576</td>
</tr>
<tr>
<td><strong>CONCESSION</strong></td>
<td>$156</td>
</tr>
</tbody>
</table>

This is the total cost of the course.

Got a question?
Enquire about your full fee study options

You are eligible for the concession price of a course if you are eligible for subsidised training, and are listed on an Australian Government Low Income Health Care Card or Pensioner Concession Card. If you are Aboriginal or Torres Strait Islander, you hold a Department of Veterans' Affairs Pensioner Concession Card, or if you have a disability. Further information about concessions.

Accurate as at 30 April 2018. For the latest information see:

tafenorth.edu.au/course/14856

RTO 0275
CRICOS 03020E
### Outcome

MEM20413 Certificate II in Engineering Pathways (Metal Fabrication)

This qualification has been specifically developed for possible employment in the Engineering environment and is designed to provide industry recognised skills related to production work as an apprentice. Attainment of this qualification may lead to future employment in this industry as an apprentice.

### Job prospects

- Apprenticeship - Boilermaker
- Apprenticeship - Engineering Trade
- Apprenticeship - Engineering/Automotive/Welding
- Metal Engineering Process Worker
- Engineering Production Systems Worker

### Units

To gain this qualification, students need to successfully complete 12 units: 4 cores 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>MEMPE005A</td>
<td>Develop a career plan for the engineering and manufacturing industry</td>
<td>Core</td>
</tr>
<tr>
<td>MEMPE006A</td>
<td>Undertake a basic engineering project</td>
<td>Core</td>
</tr>
<tr>
<td>MSAENV272B</td>
<td>Participate in environmentally sustainable work practices</td>
<td>Core</td>
</tr>
<tr>
<td>MEM16006A</td>
<td>Organise and communicate information</td>
<td>Elective</td>
</tr>
<tr>
<td>MEM18001C</td>
<td>Use hand tools</td>
<td>Elective</td>
</tr>
<tr>
<td>MEM18002B</td>
<td>Use power tools/hand held operations</td>
<td>Elective</td>
</tr>
<tr>
<td>MEMPE001A</td>
<td>Use engineering workshop machines</td>
<td>Elective</td>
</tr>
<tr>
<td>MEMPE002A</td>
<td>Use electric welding machines</td>
<td>Elective</td>
</tr>
<tr>
<td>MEMPE003A</td>
<td>Use oxy-acetylene and soldering equipment</td>
<td>Elective</td>
</tr>
<tr>
<td>MEMPE004A</td>
<td>Use fabrication equipment</td>
<td>Elective</td>
</tr>
<tr>
<td>MSA/PSUP106A</td>
<td>Work in a team</td>
<td>Elective</td>
</tr>
<tr>
<td>MEMPE007A</td>
<td>Pull apart and re-assemble engineering mechanisms</td>
<td>Elective</td>
</tr>
</tbody>
</table>

### Disclaimer

Not all electives available at all campuses.

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**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**

Enrol now

You're ready if you have:

- checked your important dates (under the course details tab)
- checked you meet the entry requirements (under the course details tab)
- checked your course costs and know which payment option is right for you (under the costs tab)
- Read the student rules and refund policy
- Created your Unique Student Identifier and can provide this code to TAFE Queensland
- If you are applying for a subsidised cost, please ensure you have all the relevant documents at time of enrolment

All done? Then head to the link below to complete your enrolment:


**Enrolment options**

By telephone: 1300 656 959. In person: at any TAFE Queensland North location.

Make your future happen

Connect with TAFE on Facebook