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

## Course in Engineering - 2D & 3D CAM

Add another dimension to your skill set.

This course provides a comprehensive understanding of the process for production manufacturing from concept to completion using computer-aided manufacturing (CAM). Learn to draw component parts, and the related tool paths required for machining of lathe and mill components, utilise software options to machine components including how to drill, bore, pocket, face and clean circle.

Add another dimension to your skill set with this course in 3D CAM. The course will provide you with the skills to create 3D solid models.

### Course delivery options

<table>
<thead>
<tr>
<th>WORKLOAD</th>
<th>LOCATION</th>
<th>DELIVERY</th>
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<tbody>
<tr>
<td>Part time</td>
<td>Acacia Ridge</td>
<td>Classroom</td>
</tr>
<tr>
<td>1 night per week</td>
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### Key dates

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

[tafeskillstech.edu.au/course/15290](http://tafeskillstech.edu.au/course/15290)

### Entry requirements

It is recommended, but not essential, that students have some CNC programming experience.

Students

### Resources required

Personal protective equipment:
- industrial footwear to conform to AS2210
- safety

### What are my payment options?

No matter what your circumstances, TAFE Queensland SkillsTech has a payment option to suit you. If you are unsure of what's right for you, call us on 1800 654 447. We're here to help.

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<th>FULL FEE</th>
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<td>$2,004</td>
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This is the total cost of the course for students who do not qualify for a subsidy, or the course does not receive any subsidy.

Got a question? Enquire about your full fee study options

Accurate as at 19 October 2017. For the latest information see:

[tafeskillstech.edu.au/course/15290](http://tafeskillstech.edu.au/course/15290)
Outcome

On successful completion of this course you receive a Statement of Attainment. The units in this course form part of MEM40105 - Certificate IV in Engineering.

Job prospects
- Mining Engineers
- Manufacturer

Units

The successful achievement of this course requires you to complete all elective units from the list below. These units form part of MEM40105 - Certificate IV in Engineering.

Electives may differ between TAFE Queensland locations and regions.

2D CAM
- MEM09009C Create 2D drawings using computer aided design system Elective
- MEM09022A Create 2D code files using computer aided manufacturing system Elective

3D CAM
- MEM09010C Create 3D models using computer aided design system Elective
- MEM09023A Create 3D code files using computer aided manufacturing system Elective

Disclaimer

Please note prerequisites / corequisites exist for this unit. For more information contact the Client Service Centre on 1800 654 447. For a full description of this course visit the Training Website.

Accurate as at 19 October 2017. For the latest information see: tafeskilltech.edu.au/course/15290

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