MEM30305 Certificate III in Engineering - Fabrication Trade

If you are looking to start a career in a fabrication trade, this qualification is designed and delivered for apprentices working in steel and metal industries and gives you comprehensive skills and knowledge in a specific area of engineering production.

You will learn practical and theoretical training in computer use in relation to engineering work, hand and power tools, engineering science, fabrication techniques, quality concepts, interpreting drawings and specifications, structural fabrication, setting up and operating welding equipment, and the development of cylinders, conical sections and transition pieces.

You can enhance your trade welding skills and certification in MEM40105 Course in Trade Welding "Cert IV in Engineering" or consider furthering your theoretical and practical studies in MEM50212 Diploma of Engineering - Technical.

Government funding is only available for this course if you have a current apprentice or trainee training contract and meet all eligibility criteria.

Work placement/industry experience
As an apprentice you will be working in the industry.

How often do I attend?

- As an apprentice, you will work in the industry and generally undertake your on-campus study at our engineering facilities over 12 two-day blocks of study each year.

- We also offer flexible delivery options which may include on-the-job tuition and assessment at agreed times throughout the year.

Possible Career Outcomes

- Fabricator
- Welder

Entrance Requirements

Entrance Requirements / Pre-requisites

- Applicants must be aged 16 or over

Government funding for eligible students and employers.
Any student under the age of 17 must provide a Transition from School form prior to undertaking this course.

Apprenticeship and traineeship applicants must be currently employed under a training contract and referred by their employer.

Your own boots, safety glasses, hearing protection

**Selection mode**

- Employer referral through an Australian Apprenticeship Support Network Provider (apprenticeship and traineeship applicants only).

**Pre-training review**

The Gordon is committed to ensuring all students have access to the educational and support services they may need while studying. We do this by carrying out a pretraining review that is integrated with the application and enrolment process. For most courses, this review also includes a short literacy and numeracy assessment relevant to the course. The outcomes of the pretraining review assist our teachers and trainers to better understand each student’s capabilities prior to training and enable all students to be matched to the right program for them.

**Important Dates**

<table>
<thead>
<tr>
<th>INTAKE</th>
<th>INFORMATION SESSIONS</th>
<th>INTERVIEW DATES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No information sessions.</td>
<td>No interview dates.</td>
</tr>
</tbody>
</table>

**Units & Assessment**

**Core Units**

- Apply Principles Of Occupational Health And Safety In The Work Environment
- Apply Quality Procedures
- Apply Quality Systems
- Assist In The Provision Of On The Job Training
- Interact With Computing Technology
- Organise And Communicate Information
- Participate In Environmentally Sustainable Work Practices
- Perform Computations
- Perform Engineering Measurements
- Plan A Complete Activity
- Plan To Undertake A Routine Task
- Work With Others In A Manufacturing, Engineering Or Related Environment

**Electives**

- Apply Fabrication, Forming And Shaping Techniques
- Apply Safe Welding Practices
- Apply Welding Principles
- Assemble Fabricated Components
- Carry Out Mechanical Cutting
- Interpret Technical Drawing
- Mark Off/Out Structural Fabrications And Shapes
- Perform Advanced Geometric Development - Cylindrical/Rectangular
- Perform Advanced Geometric Development - Transitions
- Perform Advanced Goemetric Development - Conical
- Perform Advanced Welding Using Gas Metal Arc Welding Process
- Perform Advanced Welding Using Gas Tungsten Arc Welding Process
- Perform Advanced Welding Using Manual Metal Arc Welding Process
- Perform Geometric Development
- Perform Manual Heating And Thermal Cutting
- Perform Manual Production Welding

Government funding for eligible students and employers.
Type Of Assessment
- Hands-on projects
- Workplace tasks
- Written assignments
- Industry placement
- Team projects
- Exam

Further Study Options
Pathways exist between various levels of study, enabling students to move between courses within The Gordon and in some cases, to other higher education institutions. You may also be eligible for credit points which can reduce your further study time. For more information on our pathways to Deakin University see our Pathways Guide, or contact Customer Service on 1300 730 601 to discuss your options.

- MEM50212 Diploma of Engineering - Technical

Fees

<table>
<thead>
<tr>
<th>Fees</th>
<th>Rate</th>
<th>Unit</th>
<th>Indicative Course Hours</th>
<th>Indicative Tuition Payable by Student</th>
<th>Indicative Government Subsidy Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concession Tuition</td>
<td>AUD $0.62</td>
<td>per hour</td>
<td>960</td>
<td>AUD $595.00</td>
<td>AUD $14,400.00</td>
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<tr>
<td>Standard Tuition</td>
<td>AUD $3.10</td>
<td>per hour</td>
<td>960</td>
<td>AUD $2,976.00</td>
<td>AUD $14,400.00</td>
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<tr>
<td>Full Fee Tuition</td>
<td>AUD $19.60</td>
<td>per hour</td>
<td>960</td>
<td>AUD $18,816.00</td>
<td>AUD $18,816.00</td>
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</tbody>
</table>

Add the costs below to your relevant tuition fee

| Materials             | AUD $1,850.00 | per course |

Which fee will I pay?
Course fees are made up of two components; tuition and materials fees. Due to the different level of Government subsidy available to students there are three possible fee levels for tuition fees; concession, standard and full fee; only one will be applicable to you. Indicative Government Subsidy indicates the amount the Government is contributing to the cost of this course.


How Do I Apply
Information about how to apply for this course can be found by visiting The Gordon website http://www.thegordon.edu.au/courses/all-courses/MEM30305-Certificate-III-in-Engineering-Fabricatio#HowToApply.
Recognition Of Prior Learning

Information about Recognition of prior learning (RPL) can be found by visiting The Gordon website. http://www.thegordon.edu.au/Courses/RPL.

Student Support


Date Published: 04/12/2018 10:09:20 PM