

Course Description

This qualification covers the skills and knowledge required for employment as an Engineering Tradesperson - Fabrication within the metal, engineering, manufacturing and associated industries or other industries where Engineering Tradesperson - Fabrication work. The qualification has been specifically developed to meet the needs of apprentices in the above trade.

Students will generally work with heavy gauge steel, involved in the production, fabrication and development of items manufactured from plate materials.

Work may involve the development and fabrication of structural items such as: building supports, structural beams, gantries, crane carriages and jibs.

Course Duration

This course is delivered over a period of 43 weeks. You are enrolled in a classroom based mode for 33.75 hours per week. To get the most out of your course you need to do some self-study in your own time.

Course Requirements

For overseas participants whose first language is not English, the required level of entry for this course is a minimum of:

IELTS (International English Language Testing System) with a score of 6 with no individual score of less than 5 or equivalent.

Participants must be over the age of 18 years.

For further information on entry requirements, please contact the International Administration Officer on +61 7 4779 2199.

Following receipt of payment of the non-refundable enrolment fee, enrolment form and signed acceptance of course offer documentation, the participants place will be confirmed.

Recognition of Prior Learning (RPL)

Students who have completed relevant studies or have some of the competencies in the course may apply for Recognition of Prior Learning (RPL). Application can be made with the initial application or can be made within two weeks of the course commencement using the RPL

Application Form and by providing supporting documents.

Please Note: RPL cannot result in an international student having less than a full time load of study (20 hours).

Teaching Methods

Every subject may be different. It is important to study the subject outline. Facilitators will explain the details at the start of the subject. Lessons are supported by powerpoint slides plus visual topic content, with practice time, tutorial time and extra skills tutoring. Automotive Servicing Technology subjects will be a combination of face-to-face facilitator led instruction (both workshop and classroom contexts) and simulated on-the-job application. Materials are provided in print and digital copy as part of the course.

Assessment Methods

Assessments may include written knowledge tests, discussions and oral communication demonstrations, written reports, web based research and reports, observations, and final reports. To perform at your best, you may need to work on the assessments outside of class time.

Pathways and Employment Outcomes

After achieving the MEM30305 Certificate III in Engineering - Fabrication Trade (Diesel Fitting/Fitting and/or Turning), you have a number of pathway options. You can complete further study at Tec-NQ or other trade institutions.

Please refer to www.myskills.gov.au for employment outcomes. Please Note: Visa, Residency and Citizenship requirements may have implications on further studies and employment in Australia.

Course Fees

The following fees will apply:

- Enrolment Fee - \$250.00 AUD (non-refundable)
- Course - \$13,750 AUD
- Uniform Cost - \$215.60 AUD (subject to change)
- Stationary Cost - \$271.74 AUD (subject to change)

Start Date

4 September, 2017

Competency Code	Competency Name	Core / Elective	Price
MEM14004A	Plan to undertake a routine task (0)	Core	\$148.35
MEM15024A	Apply quality procedures (0)	Core	\$148.35
MEM16007A	Work with others in a manufacturing, engineering or related environment (0)	Core	\$148.35
MEM12024A	Perform computations (3)	Core	\$445.05
MEM13014A	Apply principles of Occupational Health and Safety in the Work Environment (0)	Core	\$148.35
MSAENV272B	Participate in environmentally sustainable work practices (3)	Core	\$445.05
MEM12023A	Perform engineering measurements (5)	Core	\$445.05
MEM14005A	Plan a complete activity (4)	Core	\$296.70
MEM16006A	Organise and communicate information (2)	Core	\$296.70
MEM16008A	Interact with computing technology (2)	Core	\$296.70
MEM15002A	Apply quality systems (2)	Core	\$296.70
MEM17003A	Assist in the provision of on the job training (2)	Core	\$296.70
MEM18001C	Use Hand Tools (2)	Elective	\$296.70
MEM18002B	Use Power Tools / hand held operations (2)	Elective	\$296.70
MEM05005B	Carry out mechanical cutting (2)	Elective	\$296.70
MEM09002B	Interpret technical drawings (4)	Elective	\$593.41
MEM05012C	Perform routine manual metal arc welding (2)	Elective	\$296.70
MEM05050B	Perform routine gas metal arc welding (2)	Elective	\$296.70
MEM03003B	Perform sheet and plate assembly	Elective	\$593.41
MEM05007C	Perform manual heating and thermal cutting	Elective	\$296.70
MEM05010B	Apply fabrication, forming and shaping techniques	Elective	\$1186.81
MEM05011D	Assemble fabricated components	Elective	\$1186.81
MEM05015D	Weld using manual metal arc welding process	Elective	\$593.41
MEM05017D	Weld using gas metal arc welding process	Elective	\$593.41
MEM05018C	Perform advanced welding using gas metal arc welding process	Elective	\$593.41
MEM05036C	Repair / replace / modify fabrications	Elective	\$593.41
MEM05037B	Perform geometric development	Elective	\$890.11
MEM05049B	Perform routine gas tungsten arc welding	Elective	\$296.70
MEM05051A	Select welding process	Elective	\$296.70
MEM05052A	Apply safe welding practices	Elective	\$593.41
MEM12007D	Mark off / mark out	Elective	\$1186.81
MEM05016C	Perform advanced welding using manual metal arc welding process	Elective	\$593.41