

Certificate III in Engineering - Mechanical Trade (Diesel Fitting/Fitting and/or Turning)

CRICOS Course Code: 094271K

RTO Provider Code: 31444 | CRICOS Provider Code: 03494D

Course Description

This qualification covers the skills and knowledge required to work as an Engineering Tradesperson - Mechanical within metal, engineering, manufacturing and associated industries or other industries where Engineering Tradesperson - Mechanical work.

The Certificate III in Engineering - Mechanical Trade specifies the competencies required for employment as an Engineering Tradesperson - Mechanical including the design, assembly, manufacture, installation, modification, testing, fault finding, commissioning, maintenance and service of all mechanical equipment, machinery, fluid power systems, stationary and mobile equipment, instruments, refrigeration, and the use of computer controlled machine tools.

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 MEM30205 Certificate III in Engineering - Mechanical 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	\$147.22
MEM15024A	Apply quality procedures (0)	Core	\$147.22
MEM16007A	Work with others in a manufacturing, engineering or related environment (0)	Core	\$132.49
MEM12024A	Perform computations (3)	Core	\$441.65
MEM13014A	Apply principles of Occupational Health and Safety in the Work Environment (0)	Core	\$147.22
MSAENV272B	Participate in environmentally sustainable work practices (3)	Core	\$441.65
MEM12023A	Perform engineering measurements (5)	Core	\$441.65
MEM14005A	Plan a complete activity (4)	Core	\$294.43
MEM16006A	Organise and communicate information (2)	Core	\$294.43
MEM16008A	Interact with computing technology (2)	Core	\$294.43
MEM15002A	Apply quality systems (2)	Core	\$294.43
MEM17003A	Assist in the provision of on the job training (2)	Core	\$294.43
MEM18001C	Use Hand Tools (2)	Elective	\$294.43
MEM18002B	Use Power Tools / hand held operations (2)	Elective	\$294.43
MEM05005B	Carry out mechanical cutting (2)	Elective	\$294.43
MEM11011B	Undertake manual handling (2)	Elective	\$294.43
MEM09002B	Interpret technical drawings (4)	Elective	\$588.87
MEM05012C	Perform routine manual metal arc welding (2)	Elective	\$294.43
MEM05050B	Perform routine gas metal arc welding (2)	Elective	\$294.43
MEM18055B	Dismantle, replace and assemble engineering components (3)	Elective	\$441.65
MEM18052B	Maintain fluid power systems for mobile plant (4)	Elective	\$588.87
MEM18030B	Diagnose and rectify low voltage electrical systems (8)	Elective	\$1,177.73
MEM18026C	Test compression ignition fuel systems (4)	Elective	\$588.87
MEM18044C	Diagnose and rectify drive line and final drives (4)	Elective	\$559.42
MEM18032B	Maintain induction/exhaust systems (4)	Elective	\$559.42
MEM18029B	Tune Diesel Engine (4)	Elective	\$588.87
MEM18035B	Diagnose and recify braking systems (6)	Elective	\$691.92
MEM18043C	Diagnose and recify automatic transmissions (8)	Elective	\$1,118.84
MEM18047B	Diagnose and maintain electronic controlling systems on mobile plant (4)	Elective	\$588.87
MEM18041B	Maintain steering systems (4)	Elective	\$559.42
MEM18040B	Maintain suspension systems (4)	Elective	\$559.42