

# Factsheet - Partnership with Schools Program



## MEM20413 Certificate II in Engineering Pathways

TAFE Queensland (RTO Code 0275) and Browns Plains State High School (RTO Code 30055) have entered into a Third Party Agreement to partner delivery of this course to students. Under this partnership, TAFE Queensland is the Registered Training Organisation (RTO) and Browns Plains State High School will conduct all training and assessment on behalf of TAFE Queensland. TAFE Queensland is responsible for monitoring the quality of the training and assessment services and will issue the TAFE Queensland certificate to students on completion.

COURSE DETAILS					
<b>Subject type:</b>	VET Qualification	<b>Duration:</b>	4 Semesters	<b>QCE credits:</b>	4
<b>Qualification description</b>	<p><b>MEM20413 Certificate II in Engineering Pathways</b> is a nationally recognised qualification designed to give students an introduction to an engineering or related working environment. This course will provide you with basic skills to operate tools and equipment to produce or modify objects.</p> <p>Career pathways in the manufacturing and engineering industry include:</p> <ul style="list-style-type: none"> <li>• Fitter &amp; turner</li> <li>• Metal fabrication worker</li> <li>• Machinist</li> <li>• Welder</li> <li>• Machinist</li> <li>• Moulder</li> <li>• Locksmith</li> <li>• Patternmaker</li> </ul>				
<b>Entry requirements and pre-requisites</b>	Entry-level course. There are no entry requirements for this qualification. Pre-requisite units are not required.				
<b>Qualification rules</b>	<p>A total of 12 units must be completed:</p> <ul style="list-style-type: none"> <li>• 4 core units of competency</li> <li>• 8 elective units of competency</li> </ul>				

CORE AND ELECTIVE UNITS			
<b>Year 1 Semester 1</b>	MEM13014A	Apply principles of occupational health and safety in the work environment	Core
	MSAENV272B	Participate in environmentally sustainable work practices	Core
	MEM18001C	Use hand tools	Elective
	MEM18002B	Use power tools/hand held operations	Elective
<b>Year 1 Semester 2</b>	MEMPE005A	Develop a career plan for the engineering and manufacturing industry	Core
	MEMPE002A	Use electric welding machines	Elective
	MEMPE003A	Use oxy-acetylene and soldering equipment	Elective
<b>Year 2 Semester 1</b>	MEM16006A	Organise and communicate information	Elective
	MEM16008A	Interact with computing technology	Elective
	MSAPMSUP106A	Work in a team	Elective
<b>Year 2 Semester 2</b>	MEMPEOO6A	Undertake a basic engineering project	Core
	MEMPEOO1A	Use engineering workshop machines	Elective
<b>Proposed unit changes</b>	<ul style="list-style-type: none"> <li>• Not applicable.</li> </ul>		
<b>Learning experiences</b>	<ul style="list-style-type: none"> <li>• Classroom and workshop</li> <li>• Mode of delivery – a blend of theory and practical activities using classroom resources in conjunction with online TAFE Queensland Connect learning management system where it is available.</li> <li>• Students must use personal protective equipment (PPE) for practical activities. The school will advise students of any compulsory PPE that will need to be provided by the student.</li> </ul>		

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<b>Assessment</b>	<p>Assessment is competency based because it is directly related to work. Students must demonstrate knowledge and skills to the standard of performance required in the workplace. Therefore, no levels of achievement are awarded. Assessment methods include:</p> <ul style="list-style-type: none"> <li>• Observation and oral questioning; and</li> <li>• Work samples / projects; and</li> <li>• Written assessment; and/or</li> <li>• Online assessment via the TAFE Queensland Connect learning management system.</li> </ul>
<b>Further study options</b>	<ul style="list-style-type: none"> <li>• Certificate III (apprenticeship) in a specialist manufacturing or engineering area of the student's choice</li> <li>• Certificate IV and Diploma level engineering study</li> <li>• Students will receive credit for equivalent competencies when completing further studies, such as in a related apprenticeship course.</li> </ul>
<b>Fees</b>	<p>This course is funded by the Queensland Government through the VET investment budget under the Vocational Education and Training in Schools (VETiS) program. Training is provided fee-free to eligible school students enrolled in Years 10, 11 or 12. Eligible students are entitled to one VETiS funded program on the Priority Skills List. Ask your school to confirm eligibility for VETiS funding.</p>
<b>Further information</b>	<p>The school's student assistance program is responsible for ensuring students receive appropriate levels of support during the course. Contact the school's Head of Senior Schooling or VET Coordinator for information about support services including language, literacy and numeracy, assistive technology, additional tutorials and assistance in using technology for online delivery components. Students will be provided with access to further information via TAFE Queensland's website, TAFE Queensland's Connect (Online) site or via the school prior to enrolment.</p> <p>For more information about VET in Schools, visit <a href="https://desbt.qld.gov.au/training/training-careers/incentives/vetis/faqs">https://desbt.qld.gov.au/training/training-careers/incentives/vetis/faqs</a></p> <p>For enquiries about TAFE Queensland School Partnership Programs, please contact Melissa Eastaughffe, TAFE at School Coordinator (Partnership with Schools) on 07 3244 0790 or email: <a href="mailto:melissa.eastaughffe@tafe.qld.edu.au">melissa.eastaughffe@tafe.qld.edu.au</a></p>
<b>Third Party Agreement</b>	<p>This is a two year course. Browns Plains State High School will ensure that the students under this qualification will be provided with the opportunity to complete the course in line with TAFE Queensland policies and procedures. Students who successfully finish the course will be issued with a nationally recognised Qualification by TAFE Queensland as the RTO. Students who achieve at least one unit (but not the full qualification) will receive a Statement of Attainment on request.</p> <p>This information is correct at time of publication 25<sup>th</sup> March 2019 but is subject to change.</p>