

MEM30522 – Certificate III in Engineering - Technical

This qualification consists of **3 core** and **7 elective** competencies. On successful completion of all **10 units**, you will receive a **Certificate III in Engineering - Technical**. *Students should **NOT** enrol in to more than one unit at a time, unless otherwise advised.* For distance enrolments, you will have up to six months to complete each unit from the date of enrolment. For On Campus enrolments; either 15 weeks, or 25 weeks per unit.

POS (Preferred Order of Study) - The first column is the recommended order of study

● The second column marks units that can be done anytime outside of the recommended order of study as long as pre-requisites are met and they are completed in marked order (1-4)

POS		Unit Code	Unit Name	Pre-requisites	Unit Type	Duration		Location				
						On Campus	Distance	Acacia Ridge	Bracken Ridge	Eagle Farm	Distance	
		Enrol into one unit at a time, unless approved by teacher										
1		MEM13015	Work safely and effectively in manufacturing and engineering		Elective A	15 weeks	6 months (eLearning)	✓	✓	✓	✓	
2	● (1)	MEM09229	Read and interpret technical engineering drawings		Elective A	15 weeks		✓	✓	✓	✓	
3		MEM16006	Organise and communicate information	MEM13015	Core	15 weeks		✓	✓	✓	✓	
4		MEM16008	Interact with computing technology	MEM13015, MEM16006	Core	15 weeks		✓	✓	✓	✓	
5	● (2)	MEM30031	CAD system basic draw element		Elective A	15 weeks		✓	✓	✓	✓	
6	● (3)	MEM30033	Use CAD create display 3D models	MEM30031	Elective A	15 weeks		✓	✓	✓	✓	
7	● (4)	MEM30032	Produce basic engineering draw		Elective A	25 weeks		✓	✓	✓	✓	
8		MEM12024	Perform computations	MEM13015, MEM16006	Elective A	15 weeks		✓	✓	✓	✓	
9		MEM30012	Apply mathematical techniques in a manufacturing engineering or related environment	MEM12024*	Core	25 weeks		✓	✓	✓	✓	
10		MSMENV272	Participate in environmentally sustainable work practices		Elective A	15 weeks		✓	✓	✓	✓	

* It is a requirement by TAFE faculty that unit MEM12024 is completed prior to undertaking unit MEM30012.