International Student Timetable

MEM50222 Diploma of Engineering – Technical MEM60122 Advanced Diploma of Engineering

Acacia Ridge Training Centre, 247 Bradman Street, Acacia Ridge QLD 4110

Course Orientation Session

Acacia Ridge Campus: Friday 11 July 2025. 10:00am to 12:00pm Location: Meet at P Block, Level 2, Foyer (P2) Please wear closed-in shoes.

Start date	14 July 2025	End date	25 June 2027	Year	20	25 - 2027	
Group	2502	Study load	Full time	Versio	1 3	Issued	03/06/2025
Attendance Monday: Tuesday: Wednesc Thursday Friday:	8:00 am to 4 8:00 am to 4 ay: 8:00 am to 4	1:45 pm 4:45 pm					
Mid-semester break: TAFE attendance:		Monday 14 July 2025 Monday 29 September 2025 Tuesday 7 October 2025 Monday 8 December 2025		- Fri - Fri	Friday 26 September 2025 Friday 3 October 2025 Friday 5 December 2025 Friday 6 February 2026		
Semester 1, 2026 TAFE attendance: I Mid-semester break: I TAFE attendance: I		Monday 9 February 2026 Friday 3 April 2026 Monday 13 April 2026 Monday 29 June 2026		- Fri - Fri	Thursday 2 April 2026 Friday 10 April 2026 Friday 26 June 2026 Friday 10 July 2026		
Mid-semester break: TAFE attendance:		Monday 13 July 2026 Monday 28 September 2026 Tuesday 6 October 2026 Monday 7 December 2026		- Fri - Fri	day 2 day 4	25 Septemb 2 October 2 4 Decembe 5 February	.026 r 2026
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Timetable subject to change.

Semester 2, 2025	MEM50222 Diploma of Engineering - Technical
Competency Code	Competency Name
MEM13015	Work safely and effectively in manufacturing and engineering
MEM16006	Organise and communicate information
MEM16008	Interact with computing technology
MSMENV272	Participate in environmentally sustainable work practices
MEM30012	Apply mathematical techniques in a manufacturing engineering or related environment
MEM30031	Operate computer-aided design (CAD) system to produce basic drawing elements
MEM30033	Use computer-aided design (CAD) to create and display 3-D models
MEM09229	Read and interpret technical engineering drawings
MEM30032	Produce basic engineering drawings
MEM30009	Contribute to the design of basic mechanical systems
MEM22002	Manage self in the engineering environment
MEM30007	Select common engineering materials

Semester 1, 2026	MEM50222 Diploma of Engineering - Technical
Competency Code	Competency Name
MEM23004	Apply technical mathematics
MEM09204	Produce basic engineering detail drawings
MEM30029	Use workshop equipment and processes to complete an engineering project
MEM23109	Apply engineering mechanics principles
MEM23006	Apply fluid and thermodynamics principles in engineering
MEM23063	Select and organise mechanical engineering material tests
MEM22013	Coordinate engineering projects
MEM23003	Operate and program computers and/or controllers in engineering situations

Semester 2, 2026	MEM60122 Advanced Diploma of Engineering		
Competency Code	Competency Name		
MEM23007	Apply calculus to engineering tasks		
MEM30005	Calculate force systems within simple beam structures		
MEM30006	Calculate stresses in simple structures		
MEM23120	Select mechanical machine and equipment components		
MEM23123	Evaluate manufacturing processes		

Semester 1, 2027	MEM60122 Advanced Diploma of Engineering
Competency Code	Competency Name
MEM09157	Perform mechanical engineering design drafting
MEM14085	Apply mechanical engineering analysis techniques
MEM22001	Perform engineering activities
MEM23114	Evaluate thermodynamic systems and components
MEM09155	Prepare mechanical models for computer-aided engineering (CAE)

Timetable subject to change.