

Enrolment Course Structure

Course Code – GMR9

Course Name – Master of Maintenance and Reliability Engineering

First Year	Unit Code	Unit Name	Unit Rules
Semester 1			
	MREGC5001	Terotechnology and Life Cycle Costs	EX: ENMTX4050
	MREGC5002	Maintenance Management	
Semester 2			
	MREGC5003	Industrial Techniques in Maintenance Management	
	MREGC5004	Asset Management Techniques	
Second Year	Unit Code	Unit Name	Unit Rules
Semester 1			
	MREGC5008	Maintenance and Reliability Engineering Project (ONLINE)	PR: At least 45 credit points from course GEM4 or GMR9
	MREGC5101	Basic Quantitative Skills for Reliability Engineering	
Semester 2			
	MREGC5006	Machine Condition Monitoring and Fault Diagnosis	
	MREGC5007	Risk Engineering	
Third Year	Unit Code	Unit Name	Unit Rules
Semester 1			
	MREGC5102	Understanding Reliability	
		ITECH5402 or ITECH5404	
Semester 2			
	MREGC5103	Advanced Reliability	
	MREGC5104	Reliability Applications	

Additional Information

This course structure applies to students commencing from 2025. Students who commenced prior to 2025 should refer to the continuing enrolments page.

TEQSA have advised that, in accordance with B1.1.3 of [Higher Education Standards Framework \(Threshold Standards\) 2021](#) all Higher Education Providers are required to show their TEQSA Provider number and Provider Category on all relevant public material. ITS have ensured that our website and email signature templates have been amended to ensure compliance and have provided a knowledge article to assist you to update your signatures. Marketing are working to update the brand library and all social media accounts.

Glossary

Semester: designated teaching period.

PR: Pre-requisite, a unit/s that must be completed prior to undertaking another unit.

CO: Co-requisite, a unit/s that must be completed simultaneously, or prior to, undertaking another unit.

EX: Exclusion, a unit/s that may not be taken.