

## Enrolment Course Structure

Course Code – GMR9

Course Name – Master of Maintenance and Reliability Engineering

First Year	Unit Code	Unit Name	Unit Rules
<b>Semester 1</b>			
		MRE Specialisation	
		MRE Specialisation	
<b>Semester 2</b>			
		MRE Specialisation	
		MRE Specialisation	
Second Year	Unit Code	Unit Name	Unit Rules
<b>Semester 1</b>			
		MRE Specialisation	
		MRE Specialisation	
<b>Semester 2</b>			
		MRE Specialisation	
		MRE Specialisation	
Third Year	Unit Code	Unit Name	Unit Rules
<b>Semester 1</b>			
	MREGC5008	Maintenance and Reliability Project	<b>PR:</b> At least 45 credit points from course GEM4 or GMR9
		MRE Specialisation	
<b>Semester 2</b>			
		MRE Specialisation	
		MRE Specialisation	

### Specialisation Electives

BUMGT5920 MANAGEMENT IN A GLOBAL BUSINESS ENVIRONMENT  
MGGGC5690 SERVICES AND OPERATIONS MANAGEMENT  
MGGGC5960 MANAGING PEOPLE AND ORGANISATIONS  
MREGC5001 TEROTECHNOLOGY AND LIFE CYCLE COSTS  
MREGC5002 MAINTENANCE MANAGEMENT  
MREGC5003 INDUSTRIAL TECHNIQUES IN MAINTENANCE MANAGEMENT  
MREGC5004 ASSET MANAGEMENT TECHNIQUES  
MREGC5005 QUANTITATIVE TECHNIQUES FOR ASSET MANAGEMENT  
MREGC5006 MACHINE CONDITION MONITORING AND FAULT DIAGNOSIS  
MREGC5007 RISK ENGINEERING  
MREGC5101 BASIC QUANTITATIVE SKILLS FOR RELIABILITY ENGINEERING  
MREGC5102 UNDERSTANDING RELIABILITY  
MREGC5103 ADVANCED RELIABILITY  
MREGC5104 RELIABILITY APPLICATIONS

### Additional Information

This course structure applies to continuing students.

### 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.