Federation University | Institute of Innovation, Science and Sustainability

Enrolment Course Structure

Course Code – GMR9

Course Name – Master of Maintenance and Reliability Engineering

First Year	Unit Code	Unit Name	Unit Rules
Semester 2			
	MREGC5003	Industrial Techniques in Maintenance Management	
	MREGC5004	Asset Management Techniques	

Second Year	Unit Code	Unit Name	Unit Rules
Semester 1			
	MREGC5001	Terotechnology and Life Cycle Costs	
	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			
	MREGC5008	Maintenance and Reliability Project	**PR:** At least 45 credit points from course GEM4 or GMR9
Semester 2			
	COOPE9011	Co-operative Placement (Engineering)	

Fourth Year	Unit Code	Unit Name	Unit Rules
Semester 1			
	MREGC5103	Advanced Reliability	
	MREGC5104	Reliability Applications	

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.