

Enrolment Course Structure

Course Code – EZ9.MEC

Course Name – Master of Engineering Technology (Mechanical Engineering)

First Year	Unit Code	Unit Name	Unit Rules
Semester 1			
	ENPG 9301	Solid Mechanics	EX: ENGRG3401
	ENPG 9304	Thermodynamics	EX: ENGRG2304
	ENPG 9309	Control System Engineering	
Semester 2			
	ENPG 9310	Design of Mechanical Systems	
	ENPG 9311	Industrial Automation and IoT	
	MREGC 5003	Industrial Techniques in Maintenance Management	
Summer Semester			
	COOPE 9011	Co-operative Placement (Engineering)	
Second Year	Unit Code	Unit Name	Unit Rules
Semester 1			
	ENPG 9102	Modelling and Simulation in Engineering	EX: ENGRG9101
	ENGRG 9003	Advanced Engineering Design Project	PR: At least 90 credit points
	ENGRG 9004	Advanced Engineering Research Project 1	PR: At least 90 credit points EX: ENGIN5002
	MREGC 5007	Risk Engineering	
Semester 2			
	ENPG 9307	Energy Conversion	PR: ENPG9301 EX: ENGRG9303
	ENGRG 9005	Advanced Engineering Research Project 2	PR: ENGRG9004 EX: ENGIN5003
	MREGC 5006	Machine Condition Monitoring and Fault Diagnosis	

Additional Information

This course structure applies to students commencing from 2026. Students who commenced prior to 2026 should refer to the continuing enrolments page.

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.