

## Mid-year Enrolment Course Structure

Course Code – EZ9. MEC

Course Name – Master of Engineering Technology (Mechanical Engineering)

First Year	Unit Code	Unit Name	Unit Rules
<b>Semester 2</b>			
	MREGC5003	Industrial Techniques in Maintenance Management	
	ENGGPG9310	Design of Mechanical Systems	<b>PR:</b> ENGGPG9301
	ENGGPG9311	Industrial Automation and IoT	<b>PR:</b> ENGIN1006 or ENCOR1000 or ENCOR1021 or ENGIN1002 <b>EX:</b> ENGIN2403
Second Year	Unit Code	Unit Name	Unit Rules
<b>Semester 1</b>			
	ENGGPG9301	Solid Mechanics	<b>EX:</b> ENGRG3401
	ENGGPG9304	Thermodynamics	<b>EX:</b> ENGRG2304
	ENGGPG9102	Modelling and Simulation in Engineering	<b>EX:</b> ENGRG9101
	ENGGPG9309	Control System Engineering	<b>EX:</b> ENGIN3404, ENGRG4201
<b>Semester 2</b>			
	ENGRG9004	Advanced Engineering Research Project 1	<b>PR:</b> At least 90 credit points <b>EX:</b> ENGIN5002
	ENGGPG9307	Energy Conversion	<b>PR:</b> ENGGPG9301 <b>EX:</b> ENGRG9303
	MREGC5006	Machine Condition Monitoring and Fault Diagnosis	
<b>Summer Semester</b>			
	COOPE9011	Co-operative Placement (Engineering)	
Third Year	Unit Code	Unit Name	Unit Rules
<b>Semester 1</b>			
	ENGRG9003	Advanced Engineering Design Project	<b>PR:</b> At least 90 credit points
	ENGRG9005	Advanced Engineering Research Project 2	<b>PR:</b> ENGRG9004 <b>EX:</b> ENGIN5003
	MREGC5001	Terotechnology and Life Cycle Costs	<b>EX:</b> ENMTX4050

## Additional Information

This course structure applies to mid-year entry students.

*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.