

Enrolment Course Structure

Course Code – EY9.EPS

Course Name – Master of Engineering Technology (Renewable Energy and Electrical Power Systems)

First Year	Unit Code	Unit Name	Unit Rules
Semester 1			
	ENGIN3101	Power Electronics	PR: ENGIN1007 for undergraduate Students only
	ENIGN3102	Power Systems Analysis	PR: ENGIN2104 or ENGIN2404 for undergraduate Students only
	ENGIN3403	Sensors and Artificial Perception	PR: ENGIN2402 for undergraduate Students only EX: ENMTX3060
	ENGIN5205	Engineering Project Management Theory	
Semester 2			
	ENGIN2103	Principles of Renewable Energy Sources	PR: ENGIN1007 for undergraduate Students only
	ENGIN5001	Research and Quantitative Methods	EX: ENGIN3001
	ENGIN5101	IoT in Smart Energy Systems	
	ENGIN5405	Advanced Control Systems Engineering	EX: ENMTX4020
Second Year	Unit Code	Unit Name	Unit Rules
Semester 1			
	ENGIN4101	Electrical Power Distribution Engineering	PR: ENGIN3102
	ENGIN5002	Advanced Engineering Project 1	PR: ENGIN3001 or ENGIN5001 EX: ENCOR7020
	ENGIN5102	Micro-grid and Energy Storage Systems	PR: ENGIN3102
Semester 2			
	ENGIN4102	Power Electronic Application to Renewable Energy Systems	PR: ENGIN3101
	ENGIN5003	Advanced Engineering Project 2	PR: ENGIN5002 EX: ENCOR7030
	ENGIN5103	Electrical Demand Forecasting and Management	PR: ENGIN3102

Additional Information

This course structure applies to students commencing from 2024. Students who commenced prior to 2024 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.