

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	
	ENIGN3102	Power Systems Analysis	
	ENGIN3403	Sensors and Artificial Perception	EX: ENMTX3060
	ENGIN5205	Engineering Project Management Theory	
Semester 2			
	ENGIN2103	Principles of Renewable Energy Sources	
	ENGIN3001	Engineering Research Methodology and Management	EX: ENCOR4010 & ENMXT4060
	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 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.