Enrolment Program Structure

Program Code – EY9.EPS

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

First Year	Course Code	Course Name	Course Rules
Semester 1			
	ENGIN3101	Power Electronics	**PR**: ENGIN1002
	ENIGN3102	Power Systems Analysis	**PR:** ENGIN2104
	ENGIN3403	Sensors and Artificial Perception	**PR**: ENGIN2402 or ENMTX2020 or ETMEC3260 **EX:** ENMTX3060
	ENGIN5205	Engineering Project Management Theory	
Semester 2			
	ENGIN2103	Principles of Renewable Energy Sources	**PR:** ENGIN1002
	ENGIN5001	Research and Quantitative Methods	**PR:** ENGIN3001 or ENGIN5001 **EX:** ENCOR7020
	ENGIN5101	IoT in Smart Energy Systems	
	ENGIN5405	Advanced Control Systems Engineering	**PR:** ENGIN3404 or ENMTX3040 **EX:** ENMTX4020

Second Year	Course Code	Course Name	Course 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
	ENGIN4101	Electrical Power Distribution Engineering	**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 program structure applies to all students.

Glossary

Semester: designated teaching period.

PR: Pre-requisite, a course/s that must be completed prior to undertaking another course.

CO: Co-requisite, a course/s that must be completed simultaneously, or prior to, undertaking another course.

EX: Exclusion, a course/s that may not be taken.