APPROVED

EN8061: Power Systems

Course Details

Course Code:	EN8061
Course Title:	Power Systems APPROVED
Short Title:	
Course Level::	Level 8
Valid From::	2018/2019 Sem 1
Credits::	15
Owner:	Engineering Technology
Assessment Method:	Achievement
Course Aim	Introduce critical knowledge of theories, principles and concepts in the area of designing a complete electrical power system and apply critical analysis techniques to determine its effectiveness.

CILO	
On Completion of this course, the learner will be able to	
#	**Learning Outcome Description**
1	Demonstrate critical knowledge of theories, principles and concepts for the design of an electrical power system.
2	Critically analyze and obtain the solution of an electric power system utilizing a suitable algorithm.
3	Design power systems acording to engineering ethical standards, communicating the design rationale at a professional level.

Requisites

- Pre Requisite: EN7008 & EN8033

Examinations
Assessment Type Examination (Unseen)
Assessment Type Examination (Practical)

No Other Controlled Assessments

Uncontrolled Assessments
Assessment Type Practical Project

Affiliated Entities

Entity Code	Entity Title	Entity Version	Entity Type
ENT8040	Bachelor of Engineering Technology (Electrical)	2	Programme
ENT8050	Bachelor of Engineering Technology (Electromechanical)	2	Programme