APPROVED

EN8151: Low Voltage Electrical Systems

Course Details

Course Code:	EN8151
Course Title:	Low Voltage Electrical Systems APPROVED
Short Title:	Low Voltage Systems
Course Level::	Level 8
Valid From::	2018/2019 Sem 2
Credits::	15
Owner:	Engineering Technology
Assessment Method:	Achievement
Course Aim	To apply, analysis specialized and critical knowledge of theories, and practical skills in the area of industrial and commercial electrical installation reticulation systems , adhering to industry standards and regulations.

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On Completion of this course, the learner will be able to	
#	**Learning Outcome Description**
1	Demonstrate critical specialised knowledge of theories, principles and concepts relating to industrial and commercial electrical installation reticulation systems design.
2	Design an electrically-safe industrial or commercial electrical installation to a client's specification and in accordance with local/international safety standards and regulations.
3	Undertake performance tests to ensure the safe operation of an electrical installation system, including the analysis of the test results to recommend corrective actions.

Requisites

- Pre Requisite: EN6080

Examinations
Assessment Type Examination (Unseen)

Other Controlled Assessments
Assessment Type Lab Assignment

Uncontrolled Assessments
Assessment Type Project (Individual)

Affiliated Entities

Entity Code	Entity Title	Entity Version	Entity Type
ENT7040	Associate Degree in Engineering Technology (Electrical)	1	Programme
ENT8040	Bachelor of Engineering Technology (Electrical)	2	Programme