

**APPROVED**

## EN8151: Low Voltage Electrical Systems

### Course Details

Course Code:	EN8151
Course Title:	Low Voltage Electrical Systems <b>APPROVED</b>
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	
<ul style="list-style-type: none"> <li>Pre Requisite: EN6080</li> </ul>	

Examinations
<b>Assessment Type</b> Examination (Unseen)
Other Controlled Assessments
<b>Assessment Type</b> Lab Assignment
Uncontrolled Assessments
<b>Assessment Type</b> 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