APPROVED

EN8072: Electronics Prototype Design

Course Details

Course Code:	EN8072
Course Title:	Electronics Prototype Design APPROVED
Short Title:	
Course Level::	Level 8
Valid From::	2019/2020 Sem 1

Credits::	15

Owner:	Engineering Technology

Assessment Method:	Achievement

Course Aim	
	The course aims to integrate specialized knowledge and advanced practical skills required in the design, manufacturing and testing of an electronic-based product to industry standards.

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CILO	
On Completion of this course, the learner will be able to	
#	**Learning Outcome Description**
1	Apply specialist design techniques and creativity to prototype an electronic product that optimizes the manufacturing and testing processes.
2	Apply specialist testing skills to evaluate a prototype electronic product against accepted industry standards.
3	Critically analyze the design and testing results to identify and implement improvements in the cost and performance effectiveness of an electronic product.
4	Produce a technical report conforming to industry standards which documents the design and testing process.

Requisites

- Pre Requisite: EN7061 and EN6080

- Anti Requisite: EN7072

Examinations
Assessment Type Examination (Unseen)
No Other Controlled Assessments

Uncontrolled Assessments
Assessment Type Practical Project
Assessment Type Practical Project
Assessment Type Practical Project

Affiliated Entities

Entity Code	Entity Title	Entity Version	Entity Type
None			