

**APPROVED**

## EN8007: Electronic Circuit Design

### Course Details

Course Code:	EN8007
Course Title:	Electronic Circuit Design <b>APPROVED</b>
Short Title:	ECD
Course Level::	Level 8
Valid From::	2020/2021 Sem 1
Credits::	15
Owner:	Engineering Technology
Assessment Method:	Achievement
Course Aim	This course provides critical knowledge in the design and analysis of advanced electronic circuits and specialist practical and testing skills for the critical evaluation of electronics circuit designs.

CILO	
On Completion of this course, the learner will be able to	
#	Learning Outcome Description
1	Demonstrate critical knowledge of theories, principles and concepts relating to design, building, and testing of advanced electronic circuits
2	Construct and analyse an advanced electronic circuit to a given specification aided by the use of advanced software packages and electrical/electronic test/measurement equipment.
3	Design, build, test an environmentally friendly, sustainable, and cost effective advanced electronic circuit all in accordance with local/international standards and a given specification.
Requisites	
<ul style="list-style-type: none"> <li>• Pre Requisite: EN7061</li> <li>• Anti Requisite: EN7007</li> </ul>	

Examinations
<b>Assessment Type</b> Examination (Unseen)
<b>Assessment Type</b> Examination (Practical)
No Other Controlled Assessments
Uncontrolled Assessments
<b>Assessment Type</b> Practical Project

Affiliated Entities			
Entity Code	Entity Title	Entity Version	Entity Type
None			