

# Access to H.E. National Programme Unit



Unit Title:	Applied Electronics		
Graded Unit Code:	GA33EEE02	Ungraded Unit Code:	UA33EEE02
Pathway(s):	Construction and the Built Environment Science and Engineering		
Module(s):	Electrical and Electronic Engineering		
Level:	3	Credit Value:	3
Valid from:	31st July 2021	Valid to:	31 <sup>st</sup> July 2026

**The following QAA grade descriptors must be applied if you are delivering the graded version of this unit:**

1	Understanding of the subject
3	Application of skills
7	Quality

LEARNING OUTCOMES	ASSESSMENT CRITERIA
<b>The learner will:</b>	<b>The learner can:</b>
1. Know how to select appropriate electronic components for specified purposes	1.1 Use manufacturers data sheets to select electronic components for specified purposes
	1.2 Design a range of simple circuits e.g. simple D.C. power supply, series voltage regulator, simple transistor switching circuit, single stage Class A amplifier, and simple combinational logic circuits
2. Know how to construct and test electronic circuits	2.1 Construct and test the electronic circuits
	2.2 Test electronic circuits against original specification and produce technical reports