

Access to Higher Education Unit

This unit forms part of an Access to HE Diploma. If delivering the graded version of this unit, please refer to the Provider Handbook for details on grading descriptors and the application of these across units within your programme.

Unit Title: Applied Electronics

Graded Unit Reference Number: GA33EEE02

Ungraded Unit Reference Number: UA33EEE02

Module: Electrical and Electronic Engineering

Level: Three (3)

Credit Value: Three (3)

Minimum Guided Learning Hours: 30

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
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