

Open Awards Qualification Unit



This unit forms part of a regulated qualification.

1 Unit Details

Unit Title:	Electrical Engineering Projects
Unit Reference Number:	D/650/3626
Level:	Entry Level Three
Credit Value:	6
Minimum GLH:	50

2 Learning Outcomes and Criteria

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Know the process involved in electrical engineering	1.1 Outline a range of simple processes used in electrical engineering
2. Understand how electrical engineering processes can be applied to make useful items	2.1 Explain how electrical engineering supports the design and development of a range of items and appliances
	2.2 Explain how processes and procedures may be adapted to suit: <ul style="list-style-type: none"> • Different materials • Different products • Different purposes in electrical engineering environments
3. Be able to participate in the design and development of serviceable products using electrical engineering	3.1 Work with others to design serviceable items
	3.2 Reach agreement with others about items to make
	3.3 Collaborate with others to develop a chosen product design
	3.4 Participate in decisions about materials and processes to make a chosen item

	3.5 Collaborate with others in the manufacture of a prototype for a chosen item
4. Be able to participate in electrical engineering projects to make a serviceable item	4.1 Collaborate with others in the manufacture of a serviceable everyday item
	4.2 Follow instructions and directions when working with others
	4.3 Work safely with others
	4.4 Present a serviceable everyday item produced using electrical engineering processes
5. Be able to work safely during electrical engineering projects	5.1 Demonstrate safe use of tools and equipment during electrical engineering projects
	5.2 Demonstrate safe and effective use of materials and resources during electrical engineering projects
	5.3 Follow procedures and instructions while working on electrical engineering projects
	5.4 Work with others to produce a serviceable item/appliance in electrical engineering projects