

Open Awards Qualification Unit



This unit forms part of a regulated qualification.

1 Unit Details

Unit Title:	Electrical Engineering Projects
Unit Reference Number:	T/650/3623
Level:	Entry Level Two
Credit Value:	6
Minimum GLH:	50

2 Learning Outcomes and Criteria

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Know about the processes involved in electrical engineering	1.1 Identify simple processes used in electrical engineering
2. Know how electrical engineering processes can be applied to make useful items	2.1 Identify how electrical engineering processes can be applied to make useful items
	2.2 State how electrical engineering processes can be adapted to suit: <ul style="list-style-type: none"> • Different materials • Different products • Different purposes in electrical engineering environments
3. Be able to work with others on the design and development of ideas for electrical engineering projects	3.1 Work with others on design ideas for electrical engineering projects
	3.2 Agree with others about final designs for items to make
	3.3 Take part in discussions about materials and equipment for use in electrical engineering projects
	3.4 Work with others to design a prototype for a product that uses electrical engineering

	3.5	Work with others to make a prototype for an item
4. Be able to participate in electrical engineering projects to make serviceable items	4.1	Work with others in the manufacture of a serviceable everyday item
	4.2	Follow instructions when working on electrical engineering projects
	4.3	Work safely in electrical engineering projects
	4.4	Demonstrate a prototype product
5. Be able to follow health and safety precautions when working in electrical engineering environments	5.1	Use tools and equipment safely and appropriately under supervision in electrical engineering backgrounds
	5.2	Use materials and resources safely and effectively under supervision in electrical engineering backgrounds
	5.3	Follow instructions and procedures safely in electrical engineering environments
	5.4	Work safely with others to make an item using electrical engineering skills