



Level 1 Certificate in **Electronics (QCF)**

ENGINEERING

Qualification Specification

Overview

This Vocationally-Related Qualification (VRQ) has been developed in close consultation with the Electronics Examination Board (EEB) to ensure that it meets the industry needs. In addition to this, EAL has consulted with industry throughout the development of this qualification to ensure that the structure and content meet the sector's needs.

Typical Job

Trainee Engineer

Qualification code:	501/2317/8
Level:	1
Total qualification time:	TBC
Guided learning hours:	200
Credits:	24
Age range:	Pre-16, 16-18, 19+

Issue 1.0





Purpose of the qualification

This VRQ has been developed in close consultation with the Electronics Examination Board (EEB) to ensure that the qualification meets the industry needs. In addition to this EAL has consulted with industry throughout the development of this qualification to ensure that the structure and content met the sector's needs.

This qualification was developed under the guidance of the Electronics Examination Board (EEB) and industry with a number of objectives in mind namely to:

- Give the candidate a full understanding of the skills and competencies required by someone working in the electronics industry
- Provide an important progression route into employment.
- Provide the electronics industry with a pool of staff with a national recognised qualification.
- Provide a very useful recruitment tool for electronics companies saving them time and money on unsuitable employees.
- Provide a popular qualification for students as they get to understand the full requirements of the job.

This certificate does not require occupational evidence.

Who supports this qualification?

Developed under the guidance of the Electronics Examination Board (EEB).

What could this qualification lead to?

Progress onto L2 engineering based qualifications. It also facilitates progression to employment, and an apprenticeship.

Entry Requirements

Learners must have the potential to achieve the assessment criteria set out in the units.

How is the qualification achieved?

The learner must pass all the internal assessments of their chosen units to achieve the qualification.

What will be assessed?

All evidence submitted by the learner against the assessment criteria. This covers electrical circuits, electronics, electronic components and electronic systems.

How will it be assessed?

This qualification is assessed by the internal (centre marked) assessments, and an on-screen exam.

Structure

This qualification will be achieved when the learner has successfully completed the common mandatory units followed by the required number of optional units.

Mandatory Units: *All units must be completed:*

EAL Code	Assessment Route Title	Level	Credit	Guided Learning Hours	Ofqual Code
QCEL/001	Electrical circuits	1	6	50	D/602/2441
QCEL/002	Introductory Electronics	1	6	50	F/602/2447
QCEL/003	Handling and using electronic components and tools	1	6	50	Y/602/2471
QCEL/004	Electronic systems and installation methods	1	6	50	K/602/2474

