

Qualification factsheet

Qualification overview

Qualification title	NCFE Level 1/2 Technical Award in Engineering		
Qualification number (QN)	603/2963/4		
Total qualification time (TQT):	157	Guided learning hours (GL)	120 plus 1 hour 30 minutes for the external assessment
Entry requirements:	There are no specific recommended prior learning requirements for this qualification		

About this qualification

V Cert Technical Awards are a suite of high quality technical qualifications which are appropriate for Key Stage 4 learners. They are a technical alternative to GCSEs with equivalent levels of rigour and challenge.

The Level 1/2 Technical Award in Engineering is designed to provide learners with the skills, knowledge and understanding of the applied study of good engineering practices and an understanding of working in the sector.

Throughout this qualification, your learners will gain valuable knowledge of:

- engineering disciplines
- the science and mathematics that is applied in engineering
- how to read engineering drawings
- properties and characteristics of engineering materials and know why specific materials are selected for engineering applications
- engineering tools, equipment and machines
- production planning techniques
- processing skills and techniques applied to materials for a manufacturing task equipment

Qualification structure

To be awarded Level 1/2 Technical Award in Engineering, learners are required to successfully complete 2 mandatory units. Learners must also achieve a minimum of a Level 1 pass in the internal and external assessments.

Mandatory units

Unit 01 Understanding the Engineering World (H/616/8968)
Unit 02 Skills and Techniques in Engineering (K/616/8969)

Optional units

Assessment

The Level 1/2 Technical Award in Engineering consists of 2 assessment components:

- external assessment – practical test. This will assess the application of knowledge and skills acquired throughout Unit 01
- internal assessment – Unit 02 is an internally assessed synoptic project and is externally quality assured by NCFE

Progression opportunities

Depending on the grade the learner achieves in this qualification, they could progress to:

- GCSE in Engineering
- A Level in Design Technology or Physics
- Level 2 Technical Certificate in Engineering
- Level 3 Applied General in Engineering
- Level 3 Technical Level in Engineering
- An apprenticeship sector such as Aerospace Engineer or an Electrical/Electronic Support Engineer or Engineer



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