

Engineering

NCFE Level 1/2 Technical Award in Engineering

(603/2963/4)

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

The Level 1/2 Technical Award in Engineering provides learners with the skills, knowledge and understanding of good engineering practices and an understanding of working in the sector.

Qualification content

Your learners will gain valuable knowledge of:

- Engineering disciplines
- The science and mathematics of engineering
- How to read engineering drawings
- Properties and characteristics of engineering materials and know why engineering applications use specific materials
- Engineering tools, equipment and machines
- Production planning techniques
- Processing skills and techniques applied to materials for a manufacturing task equipment.

Qualification overview

Qualification Title	Level 1/2 Technical Award in Engineering
Qualification Number (QN)	603/2963/4
Total Qualification Time (TQT)	157
Guided Learning Hours (GLH)	120 plus 1 hour 30 minutes for the external assessment
Performance Tables	2020, 2021 & 2022

Achievement rates*

This qualification has a **pass rate of 87%** with **over 25% achieving a distinction**.

*These statistics refer to data from spring 2019 for schools only.

Qualification structure and how to achieve

Learners must complete 2 mandatory units to receive the Level 1/2 Technical Award in Engineering. They must also achieve a Level 1 pass in the internal and external assessments.

Unit 01	Understanding the Engineering World (H/616/8968)			
	48 GLH	40% Weighting	Externally Assessed: Written Examination (externally marked)	Unit Grades: NYA, L1P, L1M, L1D, L2P, L2M, L2D
Unit 02	Skills and Techniques in Engineering (K/616/8969)			
	72 GLH	60% Weighting	Internally Assessed: Synoptic Project (externally quality assured)	Unit Grades: NYA, L1P, L1M, L1D, L2P, L2M, L2D
TOTAL	120 GLH	100%	Overall Qualification Grades: NYA, L1P, L1M, L1D, L1D*, L2P, L2M, L2D, L2D*	

What's next?

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.

It may also be suitable to learners studying qualifications in:

- Design technology
- Maths
- English
- Business



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Why choose NCFE?



Our qualifications

We work with schools, colleges and employers to ensure our qualifications meet the needs of learners and are fit for purpose.



Supported by employers

Employers support our qualifications.



Our customer commitment

You'll have access to support from our award-winning customer service team throughout your delivery.



Access to resources

You and your learners will have access to various resources to support learning and course delivery.