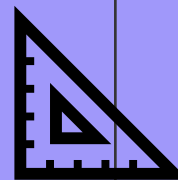


ETC.

V Cert Teacher Pack

Engineering

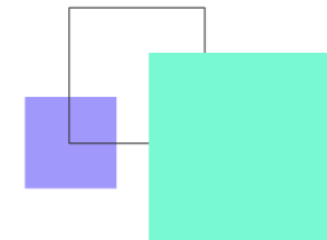


Contents

- **Qualification overview:**
 - qualification structure and content
 - delivery model
 - assessment objectives.
- **Key documentation:**
 - main links to support teaching
 - additional links to support delivery.
- **You Tube V Cert playlist:**
 - video links.

**FUTURE OF
LEARNING**

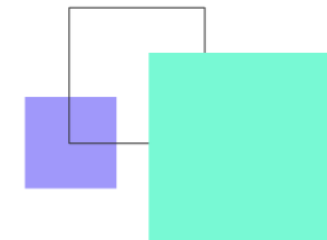
Qualification overview



Qualification structure and content

| | | |
|------------------------------------|-----------------|---|
| Qualification Title | | NCFE Level 1/2 Technical Award in Engineering |
| Qualification Number | | 603/7006/3 |
| Level | | Combined Level 1/2 |
| Guided Learning Hours (GLH) | | 142 GLH including 120 hours delivery, 1 hour 30 minutes examined assessment and 18 hours non-exam assessment plus 2 hours preparation and research time. |
| Non-exam assessment (NEA) | Weighting (60%) | Externally-set, internally marked and externally moderated: <ul style="list-style-type: none"> synoptic project |
| Examined assessment (EA) | Weighting (40%) | Externally-set and externally marked: <ul style="list-style-type: none"> written exam |
| Total | 100% | Overall qualification grades: L1P, L1M, L1D, L2P, L2M, L2D, L2D* |

| Content Area | | GLH |
|---------------------|--|------------|
| 1 | Engineering disciplines | 15 |
| 2 | Applied science and mathematics in engineering | 15 |
| 3 | Reading engineering drawings | 10 |
| 4 | Properties, characteristics and selection of engineering materials | 15 |
| 5 | Engineering tools, equipment and machines | 15 |
| 6 | Hand-drawn engineering drawings | 12 |
| 7 | Computer-aided design (CAD) engineering drawings | 12 |
| 8 | Production planning techniques | 10 |
| 9 | Applied processing skills and techniques | 16 |

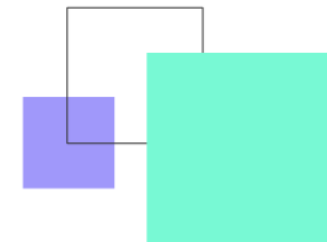


Delivery model

- Level 1/2 combined to recognise the achievements of all learners.
- Count towards the open group of your progress 8 measures.
- Single unit structure with 120 hours delivery plus assessment time
- 1x non-exam assessment (NEA) and 1x examined assessment (EA).
- Graded Level 1 Pass to Level 2 Distinction*.
- First year for delivery of the content and the second year for assessments.

| | |
|-----------------|------|
| L2 Distinction* | 8.5 |
| L2 Distinction | 7 |
| L2 Merit | 5.5 |
| L2 Pass | 4 |
| L1 Distinction | 3 |
| L1 Merit | 2 |
| L1 Pass | 1.25 |

| V Cert structure | | | | | | | | | | | |
|--------------------|----------|----------|----------|--------------|----------|-------|---------------------|-----|---------------|------|--------|
| Year 1 | | | | | | | | | | | |
| September | October | November | December | January | February | March | April | May | June | July | August |
| Delivery | | | | | | | | | | | |
| Year 2 | | | | | | | | | | | |
| September | October | November | December | January | February | March | April | May | June | July | August |
| NEA brief released | Delivery | | | NEA delivery | | | Examined assessment | | Certification | | |



Assessment objectives

| | |
|------------|--|
| AO1 | Recall knowledge and show understanding The emphasis here is for learners to recall and communicate the fundamental elements of knowledge and understanding. |
| AO2 | Apply knowledge and understanding The emphasis here is for learners to apply their knowledge and understanding to real-world contexts and novel situations. |
| AO3 | Analyse and evaluate knowledge and understanding The emphasis here is for learners to develop analytical thinking skills to make reasoned judgements and reach conclusions. |
| AO4 | Demonstrate and apply relevant technical skills, techniques and processes The emphasis here is for learners to demonstrate the essential technical skills relevant to the vocational sector by applying the appropriate processes, tools and techniques. |
| AO5 | Analyse and evaluate the demonstration of relevant technical skills, techniques and processes The emphasis here is for learners to analyse and evaluate the essential technical skills, processes, tools and techniques relevant to the vocational sector. |

Key documentation



Key links to support teaching

[NCFE V Cert page](#)

[Qualification page](#)

[Specification](#)

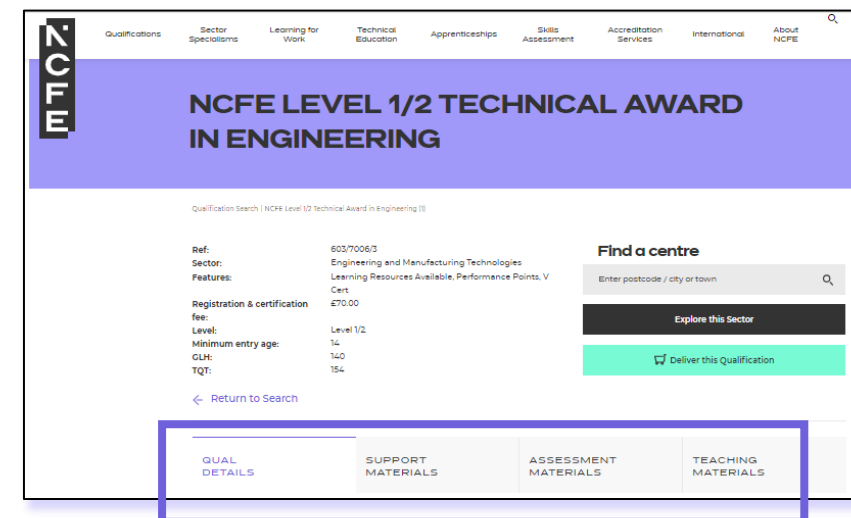
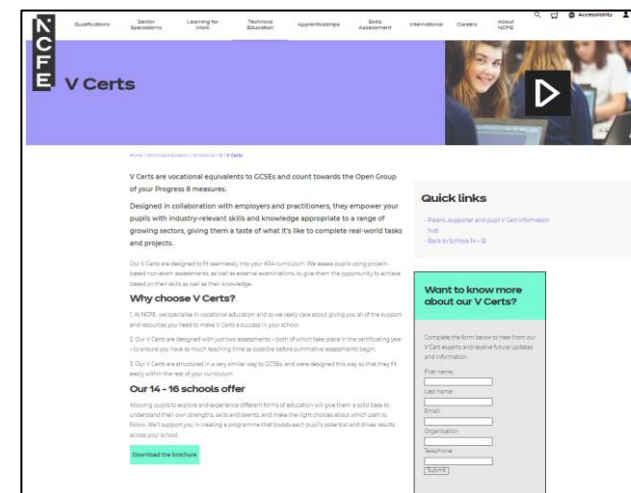
[Teaching materials and synoptic connections](#)

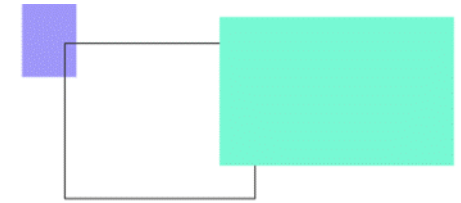
[Sample non-exam assessment and mark scheme](#)

[Band 4 NEA exemplar and Band 2 NEA exemplar](#)

[Tutor guidance](#)

[Sample examined assessment and mark scheme](#)





Additional links to support delivery

[Delivery support](#)

[Assessment support](#)

[External assessment timetable](#) and [Portal User Guide](#)

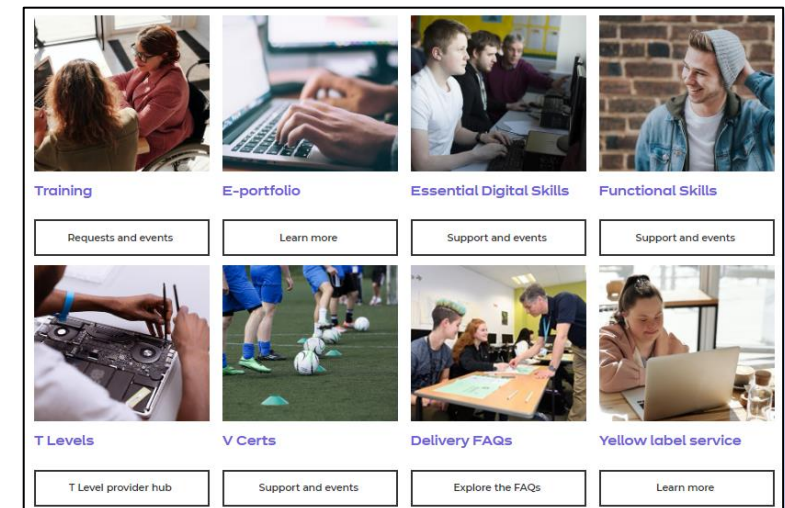
[V Cert EA online demo tool](#)

[Customer and learner support](#)

[Preparing for quality assurance reviews](#)

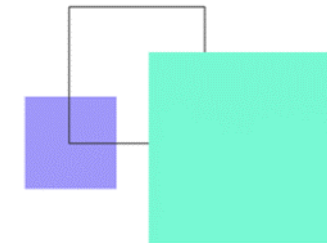
[Internal quality assurance training](#)

[V Cert FAQ's](#)



NCFE

YouTube V Cert playlist



Access on demand video links

[Bitesize Introduction to Engineering](#)

[Prepare to Teach Year 1 – Curriculum Planning](#)

[V Cert Online Assessment and Surpass](#)

[Prepare to Teach Year 2 – Assessment Preparation](#)

[Exam Techniques and Revision Strategies](#)

[Preparing for a Career and Work Experience Opportunities](#)

V Cert playlist:

www.youtube.com/@NcfeOrgU
[k/playlists](#)

**Recorded and On-Demand Resource
Evaluation 2023/2024 Session**



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