Quick Guide to the BTEC Tech Award in Construction and the Built Environment (2022)

BRAND NEW FOR 2022

First teaching: September 2022

Course level: Level 1/ Level 2

Course size: Total Qualification Time: 142.5 hours/ Total Guided Learning Hours: 120

QN: 603/7051/8

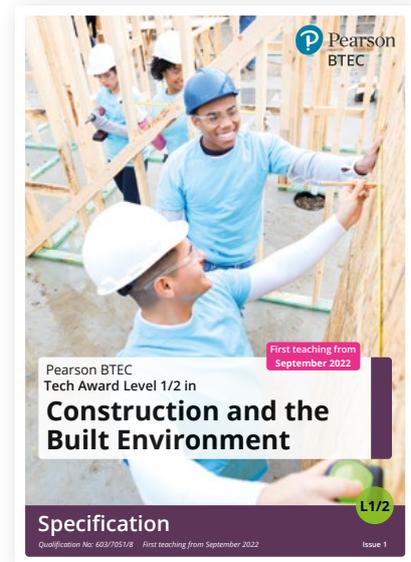# Content Overview

Component 1: Construction technology

This component will develop knowledge and understanding of processes, terminology and technology used in the construction of the built environment.

Component 2: Construction in practice

This component will introduce learners to commonly used hand tools, equipment and craft skills needed in the creation of the built environment and how to select and use materials in order to safely produce quality outcomes.

Component 3: Construction and design

Learners will gain an understanding of clients' needs and develop skills in responding to building design briefs and sketches that consider construction constraints.

First teaching from September 2022

Pearson BTEC
Tech Award Level 1/2 in
Construction and the Built Environment

L1/2

Specification
Qualification No: 603/7051/8   First teaching from September 2022   Issue 1

Why choose a **BTEC Tech Award in Construction and the Built Environment**?

Developed from the popular BTEC First Award in Construction and the Built Environment, the Tech Award is for learners interested in taking a hands-on course alongside their GCSEs that will offer them an insight into what it is like to work in the sector, giving them a broad introduction that keeps all of their options open and allows them to make an informed decision about their future learning and career.

The Tech Award gives learners the opportunity to develop broad knowledge and understanding of construction methods, materials and design, applying mathematical and scientific principles. Throughout the Tech Award learners will learn theory while also developing practical skills, such as using tools and materials safely with vocationally correct techniques, interpreting and understanding the requirements for safe and efficient work, and specialist design techniques. This is reflected in the engaging internal task-based assessments, in which learners have the opportunity to apply and develop hand skills, express creativity and put learning into practice in a useful way, solving construction-related problems.

In addition, learners will develop key skills such as planning work, interpreting technical information, designing to meet a client brief, and measuring and checking the quality of work completed.

This Tech Award complements the learning in GCSE programmes such as GCSE Design and Technology by teaching additional and specific skills in design for construction as well as practical skills in either brickwork or carpentry and joinery. It allows for more applied study when looking at the different types of technologies used in a real-world setting for low-rise construction.

On completion of this course, learners could go directly into a trainee- or apprenticeship, or progress to technician-level qualifications. The content of this award introduces topics covered in more depth in the BTEC National and the new T Level, giving learners a head-start at Level 3.

Assessment Overview

Component	GLH	Qualification Weighting	Marks available	Type of assessment	Length of Assessment	Availability
Component 1 – Construction Technology	48	40%	60	External exam. Externally marked	1 hour 20 minutes	Twice a year in Jan/Feb and May/Jun (from 2024)
Component 2 – Construction in Practice	36	30%	60	Internal assessment (PSA*) with 3 tasks. Externally moderated	8 hours of supervised sessions	Twice a year: October release for December/January moderation (from 2023) February release for May/June moderation (from 2023)
Component 3 – Construction and Design	36	30%	60	Internal synoptic assessment (PSA*). Externally moderated	2 hours of monitored preparation and 6 hours of supervised sessions	Twice a year: October release for December/January moderation (from 2023) February release for May/June moderation (from 2023)

*Pearson Set Assignments (PSAs) are set by Pearson, marked by the centre, and moderated by Pearson.

The components are interrelated and best seen as part of an integrated whole rather than as distinct study areas.

Complimentary resources and support

· Delivery Guide

· Transition Guide including mapping from previous qualifications

· Sample assessment materials

· ExamWizard

· ResultsPlus

· Marking Training and Marking Standardisation Events

· Getting Started Training Events

· Access to Pearson subject specialist

Choosing a **BTEC Tech Award**

Tech Awards are Level 1/Level 2 courses that are of the **same size and rigour as GCSEs**, **widening students' options at Key Stage 4**, while keeping all their options open for progression into post-16 education and training. We have developed all our Tech Awards **in consultation with subject specialists and secondary school and FE representatives**, to ensure that they are **engaging** and **fully up to date** with current sector skills, behaviours and knowledge.

With a Tech Award your students will:

- Get a taste of what a sector is like.

- Gain transferable skills and confidence that will help them in the world today and prepare them for their futures.

- Receive an introduction to vocational study.

- Have opportunities to apply learning from their GCSE subjects to every day and work contexts.

- Build applied knowledge and skills that show an aptitude for further learning, both in the sector and more widely.

BTEC Tech Awards come from Pearson, the world's leading learning company. Our mission is to help everyone achieve their potential through learning. We do that by providing high quality content and learning experiences, as well as assessments and qualifications that help people build their skills and grow with the world around them.

Embedding learning through application

Our Tech Award qualifications are designed to help learners:

- **Explore** what it's like to work in the sector and gain the underpinning knowledge and skills required to work in it.

- **Develop** key knowledge, skills and behaviours, and learn about essential tools, techniques, and equipment.

- **Apply** their learning to real-life contexts and vocational scenarios in both learning and assessment.

Designed to **make life easier**

Through the design of all of our qualifications we've sought to ensure that the courses are as easy as possible for teachers to deliver and administer, and that they give learners as much opportunity as possible to realistically demonstrate their capability and achieve overall success.

✓ We offer the widest range of Tech Awards, covering 13 unique subject areas, all following the same consistent approach – enabling your school to offer multiple Tech Awards without multiplying complexity.

✓ All components are mandatory, with optionality built in within the content where relevant to the sector, streamlining assessment.

✓ There is a consistent mark scheme structure for each internally assessed component making it easier to apply and standardise.

✓ Assessment is compensatory within components and across the qualification - anywhere learners gain marks, these are added to the total towards a grade. This means grades for each component are no longer restricted to the lowest grade achieved within the component.

✓ There are no minimum grade requirements in any component, so an Unclassified result in any of the components will not prevent a learner from achieving the qualification. This gives your learners more opportunities to achieve and better captures their true ability.

✓ The moderation process for the new Pearson Set Assignments (internal assessments) will create a significant reduction in administration and paperwork – and includes direct feedback so that you have the opportunity to address any issues with assessment before they impact on the learner's results.

✓ The new Pearson Set Assignments have been based on Authorised Assignment Briefs from current qualifications, so will be familiar to teachers used to the previous qualifications.