



Quick Guide

to the BTEC Tech Award
in Construction and the
Built Environment

First teaching: September 2022
Course level: Level 1/ Level 2
Total Qualification Time: 147 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.



Why choose Construction and the Built Environment?

Developed from the popular BTEC First Award in Construction and the Built Environment, the BTEC 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 BTEC 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 BTEC 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 BTEC 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 **progress** directly into a trainee- or apprenticeship, or to technician-level qualifications. The content of this award introduces topics covered in more depth in the BTEC National and T Levels in Construction, giving learners a head-start at Level 3.

Assessment overview

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

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 and 20 minutes	Twice a year in Jan / Feb and May / June (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: June release for December/ January moderation September release for May/June moderation
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: June release for December/ January moderation September release for May/June moderation

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

Complimentary resources and support

- Delivery Guide
- Transition Guide 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

BTEC Tech Awards are Level 1/Level 2 courses that are of the **same size and rigour as GCSEs, widening learners' options at Key Stage 4**, while keeping all their options open for progression into post-16 education and training. We have developed all our BTEC 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 BTEC Tech Award your learners 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.

Embedding learning through application

BTEC 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.



BTEC Tech Awards come from Pearson, the world's lifelong learning company. Our purpose is simple: to help people realize the life they imagine 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.

Designed to offer you more

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 BTEC Tech Awards, covering **12 unique subject areas**, all following the same consistent approach – enabling your school to offer multiple BTEC 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 Pearson Set Assignments (internal assessments) **offers long assessment windows, reduced administration and paperwork, and includes early moderator feedback reports**. We are the only provider offering moderator feedback reports in advance of Results Day, giving you 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.



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BTEC Tech Award in Construction
and the Built Environment