A circular graphic containing stylized, colorful buildings in shades of purple, red, green, yellow, and blue. A purple semi-circular banner is overlaid on the right side of the circle, containing white text.

Teaching Construction
at Level 3?

Choose BTEC Nationals



Welcome to your Guide to BTEC Level 3 Nationals in:

🕒 Construction and the Built Environment

Your guide includes everything you need to know about the BTEC Level 3 Nationals Construction and the Built Environment qualification, why universities and employers are so excited about BTEC qualifications, and why **around 1 in 4 students entering university in the UK do so with a BTEC.***

*Source: UCAS Progression Pathways – Jan 2016

The skills to succeed – the confidence to progress

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Why choose BTEC Nationals?

Young people taking their first steps towards a new career need the right blend of **technical and academic skills** in order to become the highly skilled, work-ready individuals employers and universities look for.

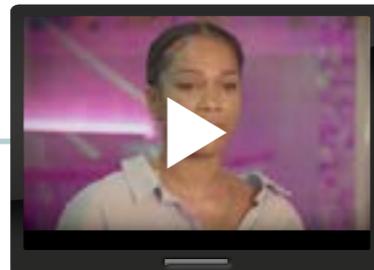
BTEC Level 3 Nationals are vocational qualifications designed to help your learners succeed. They have been developed in collaboration with over 5,000 universities, employers and professional bodies with **employability at the heart**, so your learners can develop the skills and confidence they will need to step into their future.

Why universities choose BTEC



quals.pearson.com/BTECprogress17Guide

Why employers choose BTEC



quals.pearson.com/BTECprogress17Guide

Why students choose BTEC



quals.pearson.com/BTECprogress17Guide

What's new

Your new BTEC Level 3 Nationals qualifications take a unit-by-unit approach and provide you learners with practical, work-related courses. They offer:

Combination of assessment styles

Learners can demonstrate their knowledge, skills and understanding through work-related contexts. (see page 22 for details).

Large foundation of mandatory units

Universities and employers have evidence of a consistent level of core knowledge and skills.

Comprehensive support

We've listened to feedback and put together our most comprehensive support package yet. (see pages 20–21 for details).

The skills to succeed – the confidence to progress



The route to success

After 30 years of proven success, more and more employers and Higher Education institutions across the globe are choosing BTEC-qualified candidates for their **practical knowledge** and **employability skills**.

More than a million learners choose BTEC each year.

BTEC Level 3 Nationals in Construction offer your learners:

- ① **Work-related learning**, giving learners an edge and opening the door to higher education or employment in the construction sector.
- ② **Clear progression routes** into higher education when taken alongside other courses, an apprenticeship or training routes in the construction sector.
- ③ **Transferable skills development** such as case study research, teamwork and client communication.

The skills to succeed – the confidence to progress

“BTEC courses give you real, hands-on experience. It’s what I call ‘learning by doing’ and gives you the skills today’s employers are looking for.”

*Peter Jones CBE,
Entrepreneur*



Find out why **Peter Jones** and our other **ambassadors** choose BTEC at quals.
[pearson.com/BTECsuccess17guide](https://www.pearson.com/BTECsuccess17guide).

See some great BTEC success stories and meet our **BTEC Construction Student** of the Year 2017 at:
[quals.pearson.com/BTECawards17guide](https://www.quals.pearson.com/BTECawards17guide)



Did you know...

4 out of 5 BTEC students go on to receive a **First or Second class degree**

(The outcomes associated with the BTEC route of degree level acquisition, London Economics 2013)

37% of businesses prefer recruits to hold a mix of academic and vocational qualifications or value them equally

(Inspiring Growth: Pearson/Skills CBI Skills survey 2015)

Your BTEC Nationals Construction qualifications explained

BTEC Level 3 Nationals Construction courses offer a flexible range of qualifications that can be studied alongside other level 3 qualifications such as A levels or other BTEC Nationals as part of a larger programme of study, or as the main focus of study.

- They are designed for Post-16 Level 3 learners wishing to go on to further or higher level study of the sector or directly to employment.
- All sizes attract **UCAS points** and are widely recognised by universities and employers.

Find out more

The following pages provide you with an overview of each course. For full details or to download your specifications please go to quals.pearson.com/BTECNatsCBE16Guide

Your BTEC Level 3 Construction qualifications are available in a range of sizes and are **Tech level-style** qualifications.

Tech Level qualifications

For learners wishing to progress directly to employment or apprenticeships through specialist study, or choose to go on to higher level study. They will have the opportunity to:

- **choose between different qualification sizes** so they have the option to study full or part-time or take a BTEC alongside other level 3 qualifications such as A levels
- equip themselves with **specialist knowledge** and skills for their chosen career path
- develop **transferable knowledge and skills**.



Construction and the Built Environment

The chart below gives you an overview of the course sizes available in your BTEC Level 3 Nationals in Construction.

Tech Level

Included in performance measures in England – see website for full details

Extended Certificate in Construction and the Built Environment 360 GLH

Same size as 1 A Level
Tech Level

Total units: 4
4 Mandatory Units
PLUS 3 Optional Units

- For learners who are interested in learning about the construction sector alongside other fields of study, with a view to progressing to higher education
- Designed to be taken as part of a study program that includes other appropriate BTEC National qualifications or A Levels.

Foundation Diploma in Construction and the Built Environment 540 GLH

Same size as 1.5 A Levels
Tech Level

Total units: 7
4 Mandatory Units
PLUS 3 Optional Units

- For learners looking to study construction as a 1 year full-time course or as part of a 2 year full-time study program alongside another area of complimentary or contrasting study
- Supports progression to higher education if taken as part of a study program that includes other BTEC National qualifications or A Levels
- Also supports progression to an apprenticeship in the construction sector or a further year of study at Level 3

Diploma in Construction and the Built Environment 720 GLH

Same size as 2 A Levels
Tech Level

Total units: 10
7 Mandatory Units

- Designed to be the substantive part of a 16-19 study program for learners who want a strong core of sector study
- May include other BTEC National qualifications or A Levels to support progression to higher education in the construction area before entering employment
- This qualification can be used as part of an advanced apprenticeship or to progress to higher apprenticeships

Diploma in Building Services Engineering 720 GLH

Same size as 2 A Levels
Tech Level

Total units: 10
6 Mandatory Units
PLUS 4 Optional Units

- Designed to be the substantive part of a 16-19 study program for learners who want a strong core of sector study
- Supports progression to higher education when study program includes other BTEC National qualifications or A Levels

* This qualification can be used as part of an advanced apprenticeship or to progress to higher apprenticeships

*please see specification for details of all Optional Units available.
Information correct at time of publication – please see specification for latest information.

Your BTEC Level 3 Nationals in Construction provide:

- flexibility for your students to progress to larger-size qualifications or specialise
- opportunity for students to showcase their skills through **practical assessments**
- the **underpinning knowledge and skills** needed to meet industry requirements

Find out more

For **Teaching support** see page 20 • For **Assessment** see page 26

Download your **specification** at: quals.pearson.com/BTECNatsCBE16Guide



Construction and the Built Environment (continued)

Tech Level

Diploma in Civil Engineering 720 GLH

Same size as 2 A Levels
Tech Level

Total units: 10
7 Mandatory Units
PLUS 3 Optional Units

- For learners who are interested in learning about the construction sector, with a view to progressing to higher education
- This qualification can be used as part of an advanced apprenticeship or to progress to higher apprenticeships

Extended Diploma in Civil Engineering 1080 GLH

Same size as 3 A Levels
Tech Level

Total units: 15
8 Mandatory Units
PLUS 7 Optional Units

- Designed as a 2 year full-time course that meets entry requirements for learners who want to progress to higher education in civil engineering areas before entering employment
- This qualification can be used as part of an advanced apprenticeship or to progress to higher apprenticeships

Extended Diploma in Construction and the Built Environment 1080 GLH

Same size as 3 A Levels
Tech Level

Total units: 15
9 Mandatory Units
PLUS 6 Optional Units

- Designed as a 2 year full-time course that meets entry requirements for learners who want to progress to higher education in the construction area before entering employment
- Supports learners who want to progress directly to employment in construction roles or a Higher Apprenticeship in the construction sector

Extended Diploma in Building Services Engineering 1080 GLH

Same size as 3 A Levels
Tech Level

Total units: 15
7 Mandatory units
8 Optional Units

- Designed as a 2 year full-time course that meets entry requirements for learners who want to progress to higher education in the building services area before entering employment
- Supports learners who want to progress directly to employment in building services engineering or to an advanced/Higher Apprenticeships in building services engineering

*please see specification for details of all Optional Units available.
Information correct at time of publication – please see specification for latest information.

Included in performance measures in England – see website for full details

Find out more

For **Teaching support** see page 20 • For **Assessment** see page 26
Download your **specification** at: quals.pearson.com/BTECNatsCBE16Guide

Course materials

BTEC Level 3 Nationals in Construction and the Built Environment have a comprehensive range of FREE course materials available to help with **planning and teaching**, as well as **assessing and tracking** progress of your learners.

Find out more

For full details of all the support available please see website:

Construction and the Built Environment:
quals.pearson.com/BTECNatsCBE16Guide



Plan

We've a bank of support materials designed to help you choose and plan the right course for your learners including:

- Specifications
- Sample Assessment Materials
- Delivery plans
- myBTEC planning tools
- Authorised Assignment Briefs
- Getting Ready to Teach free events

Teach

You'll also find a wide range of teaching and learning materials to help you deliver your course such as:

- Delivery guides
- Schemes of work
- Skills for Learning and Work Activity Sheets
- Training events
- Published resources

Assess and Track

There's also a selection of resources designed to help you prepare for assessment and track learner progress:

- Sample Assessment Materials
- Sample Marked Learner Work
- Authorised Assignment Briefs
- Quality Assurance guides
- myBTEC progress tracking

Find out more

- See page 19 for full details about free training events
- Download your specifications at: quals.pearson.com/BTECNatsCBE16Guide

The skills to succeed – the confidence to progress

Published resources (paid-for)

We know it can be time-consuming and tricky to create lessons that work for each of your students, stretching the more able and supporting lower ability. That's why our resources are built around established pedagogical principles, to give your students targeted support and help them improve their understanding and progress.

This pedagogy runs through the:

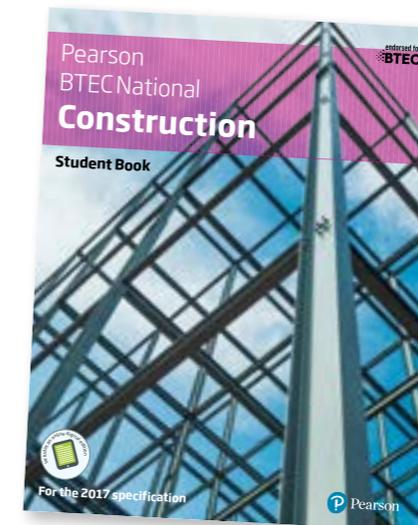
Student Book: features throughout help learners to build knowledge, understand how to excel in assessment, reflect and evaluate learning, and link their learning to real-life workplace scenarios

Teaching Pack: additional front-of-class support, with all materials differentiated to suit each of your learners.

Resources built around learning principles you can trust

Student book with ActiveBook

- Help learners develop and apply knowledge and skills they need to progress either to employment or further studies.
- Learn about the key theories and knowledge around the construction industry, from scientific principles to project management techniques.
- Support and preparation for external assessment.
- Encourage and promote confidence for self-evaluation of skills.
- Accompanied by an ActiveBook (online versions of the Student Book).
- Units 1–10 and 13 covered.



Find out more

Download sample units and order evaluation copies at www.pearsonfe.co.uk/BTECNatsCBE16Guide





MyBTEC

We know that as a teacher workload can be an issue, that's why to help you save time we have designed myBTEC, a unique free service that aims to reduce your admin workload.

What myBTEC can do for you:

- ⦿ **Saves you time** – for example when Internally Verifying an assignment brief, at least 50% of the questions are answered for you
- ⦿ **Reduces your workload** – for example your assessment plan is produced automatically from your assignment briefs in myBTEC
- ⦿ **Automatic grade tracking calculations**, so you know your students are on track
- ⦿ **Easily export and download all documents**, information and results
- ⦿ **Give you the complete visibility of all courses**, assessment, internal verification and results at your centre, so you can check progress at anytime.

Simply login at mybtec.pearson.com with your Edexcel online details.

Find out more
Discover myBTEC at
quals.pearson.com/myBTECNatsGuide17

The skills to succeed – the confidence to progress

Training

We offer a range of events to help you in every aspect of planning, teaching and assessing your BTEC courses.

To make it as easy as possible for you to benefit from our training, many of our **face-to-face** events are available as **online sessions**, and you can request any of our events to be delivered as paid-for events in your centre.

Our programme of events:

- ⦿ make it easy for you to access BTEC training **how, when and where** you need it.
- ⦿ offer **qualification-based** and **role-based** courses so you can choose which event is right for you.
- ⦿ are **delivered by experts** passionate about training.
- ⦿ provide opportunities to **share ideas and best practice**.

What's more, our flexible range of high quality training events not only support your delivery of BTEC courses, but also help towards your **continued professional development**.

Find out more

Book onto one of our events at quals.pearson.com/BTECNatsTraining





Admin support

New to BTEC?

If you're thinking about teaching BTEC Nationals and want to know more about what's involved and the support we can provide see our step-by-step guides at quals.pearson.com/stepbystepBTEC.

We've included guidance on:

- How to get started
- Building your BTEC team
- Quality assurance
- Internals assessment
- External assessment

Already teaching BTEC?

Remember you can find detailed information about key BTEC processes, forms and guidance materials quals.pearson.com/BTECsupport.

You'll also find all of the essential tools and forms on each of our dedicated qualifications pages, alongside your specifications and any additional resources specific to your BTEC.

Specialist help and advice

You've also access to specialist support and advice from our Construction subject advisor, Evren Alibaba.

Evren will be happy to help with any questions you may have about your BTEC Level 3 Construction qualifications.

Evren Alibaba

Construction, Planning and the Built Environment

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🐦 @PearsonTeachDT



Find out More

For full details visit quals.pearson.com/BTECNatsCBE16Guide

The skills to succeed – the confidence to progress

Assessment and Grading

Types of assessment

Your BTEC Level 3 Nationals Construction qualification take a unit-by-unit approach and offer a combination of assessment styles.

This gives your learners the opportunity to showcase their skills and apply their knowledge in an appropriate, work-related context, and provides evidence of what they can do when they apply to enter higher education or employment.

Assignments (internally assessed)	Tasks (externally assessed)	Written Exams (externally assessed)
<p>Set and marked by: Centre Verified by: Pearson</p> <p>Assignments are practical tasks set in work-related scenarios that can be tailored to local industry needs for your learners. Learners demonstrate how they apply knowledge and skills to complete a practical project over a period of time, working individually or in groups.</p>	<p>Set and marked by: Pearson</p> <p>Tasks are practical work-related scenarios completed in realistic, time-based situations. They are completed in controlled conditions and some tasks have pre-released information. Learners demonstrate how to apply learning to common workplace or HE scenarios. Tasks provide evidence of a consistent standard of assessment for all BTEC learners.</p>	<p>Set and marked by: Pearson</p> <p>For written exams, learners draw on essential information to create written answers to practical questions in exam conditions. Learners demonstrate they can apply appropriate knowledge to a work-related challenge in timed conditions.</p>

Grading

A learner's final qualification grade reflects their achievements across units in their BTEC Nationals course.

Both internally and externally assessed units are individually graded, and each final unit grade is allocated points.

- Internally assessed units are marked and graded in the Centre (school, college or training provider) and subject to external verification by Pearson.
- Externally assessed units are marked and graded by Pearson.
- Units are graded Pass, Merit or Distinction, with external units also having a N grade in most Level 3 sectors. Total points scored across all units are used to calculate the final qualification grade.

Achievement of a Certificate with a D grade:

	GLH	Type (Int/Ext)	Grade	Unit points
Unit 1	90	Int	Distinction	24
Unit 2	90	Ext	Merit	22
Totals	180		D	46

Find out more

For full details see Section 9 of your specification

Download your specification at
quals.pearson.com/BTECNatsCBE16Guide



We've also developed a range of new BTEC Construction qualifications for Level 1 and Level 2 learners.



For Level 1 post-16 Learners

BTEC Level 1 Introductory qualifications

Graded, unit-based qualifications designed to develop transferable and sector skills so your **post-16 learners** can progress to further study, apprenticeships or training. BTEC Level 1 Introductory qualifications for Construction sectors include:

Construction

Vocational Studies

Find out more

Download your specifications at:

quals.pearson.com/BTECL1IntroGuide

For Level 2 post-16 learners

BTEC Level 2 Technicals

Designed to give **post-16 learners** real hands-on practical experience to master the skills they will need to succeed in their career or higher level study. Qualifications for Construction sectors include:

Brickwork – coming soon

Carpentry and Joinery – coming soon

Painting and Decorating – coming soon

Find out more

Download your specifications and view all our

BTEC Level 2 Technicals at:

quals.pearson.com/BTECL2TechnicalGuide

The skills to succeed – the confidence to progress



Your next Steps

1. Download your specifications and sample assessment materials and browse our FREE resources at:
quals.pearson.com/BTECNatsCBE16Guide
2. Order your paid-for resources at:
www.pearsonfe.co.uk/BTECNatsCBE16Guide

Stay in touch

Sign up for updates at quals.pearson.com/BTECNats16UpdateGuide and we'll keep you up-to-date with the latest news.

-  Follow us on Twitter
@teachBTEC
#ichooseBTEC

Help and advice

For help and advice about teaching your new qualifications contact our Subject Advisor for Construction:

Evren Alibaba

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