



# Paratori i ddarparu'r Cymhwyster Sylfaen

## Preparing to deliver the Foundation Qualification

# Agenda

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Croeso a Chyflwyniad

Pam y trawsnewid

Cynnwys cymhwyster sylfaen

Strwythur yr unedau

Amlinelliad o'r asesiadau

Gweithgarwch cynllunio

Adnoddau dysgu

Y camau nesaf

Holi ac ateb

# Agenda

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Welcome and introduction

Why the transformation

Foundation qualification content

Structure of the units

Outline of assessments

Planning activity

Learning resources

Next steps

Questions and answers

# Cyfarfod y Tîm

## Meet the team



**David Pye**  
Cynghorydd Technegol  
Gwasanaethau  
Adeiladau, City & Guilds

Technical Advisor  
Building Services, City &  
Guilds



**Angharad Lloyd-Beynon**  
Rheolwr Busnes Cymru,  
City & Guilds

Wales Business Manager,  
City & Guilds



**Ian Roberts**  
Cynghorydd Technegol  
Adeiladu, City & Guilds

Technical Advisor  
Construction, City & Guilds



Pam y trawsnewid?

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Why the transformation?

# Adolygiad Sector Sector Review



## Context for change

CBE sector review provided context for change – large and small employers/centres and associations

Outline findings:

- **Poor** assessment practice
- Some areas of learning **not effectively assessed**
- **Learners** need to deal with range of tasks and problem solve

## Meeting skills needs of Wales

**Reducing complexity of system of 400+ quals**

**Improving coherence** with clear pathways

**Progression routes clear** through framework and onto work or HE

**Portability** within Wales and beyond

## BUILDING THE FUTURE:

Sector Review of Qualifications  
and the Qualification System in  
Construction and the  
Built Environment

- **Validity** – industry confident learners have achieved a meaningful qualification
- **Reliability** – assessment is fair and consistent
- **Flexibility & Manageability** – flexible timing / location
- **Support** – make tutors'/assessors' roles more manageable
- **Planning** – flexible to allow providers to schedule own programme of delivery

# Ymgysylltu â Rhanddeiliaid

## Stakeholder Engagement

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The content has been developed in conjunction with the following stakeholders,

- **Technical consultants**
- **Technical working groups/forums**
- **Current practitioners**
- **Industry including micro, small, medium and large contractors across the sector**
- **Agreement through QiW**

Produced by your peers, people with experience of delivering Construction qualifications to develop high quality content, learning resources and assessments.

**Building the Future:**  
**Supporting Wales to lay the foundations**  
**for brighter futures in construction and building services engineering**

**Inspiring confidence in the changes that are coming - by helping you prepare**

**All audiences**  
**Context for change**

- CBE sector review
- Outline findings:
  - Assessment practice
  - Range of tasks and problem solving
- Reducing complexity Improving coherence
- Progression routes
- Portability

**Employers and associations**  
**Demystifying the**  
**assessment landscape**

- Recruits who are knowledgeable and skilled
- A simplified assessment landscape
- Designed around modern workforce needs
- Employers confirmation of apprentice proficiency
- Provide cross-trade understanding

**Delivery centres**  
**Supporting you**  
**through change**

- Fully supported
- Simplified approval for new centres
- cross-trade awareness in the workplace to make better employees
- Supporting a bilingual nation
- Modernised assessment strategy
- Standardised assessment approach

**Parents and learners**  
**Hands on**  
**practical learning**

- Construction is an exciting sector to learn and work in
- Relevant skills and knowledge that employers respect
- Relevant range of assessment methods
- Resources to help draw out the skills, knowledge & behaviours
- Recognised quals with clear progression



# Y fframwaith cymwysterau

## Qualification framework



**Level 3**  
**Apprenticeship**  
**(Live Sept 2021)**

Level 3  
Construction

Level 3  
Building Services  
Engineering

**Level 2**  
**(Live Sept 2021)**

Foundation in  
Construction and  
Building Services  
Engineering

Core in  
Construction and  
Building Services  
Engineering

Progression in  
Construction

Progression in  
Building Services  
Engineering

**GCE AS /**  
**GCE A Level**

Level 1 in  
Construction and  
Plumbing/Electrical  
**Live: Sept 21**  
**(6219/7202)**

GCE AS  
in Built  
Environment  
**Live: Sept 22**

GCE A level  
in Built  
Environment  
**Live: Sept 22**

**Level 1**

**GCSE**

GCSE in Built  
Environment  
**Live: Sept 21**

Offered by  
City & Guilds

Offered by EAL

Offered by WJEC

# Cwestiynau sydd gennych

## Questions you may have

| FAQ   | Response   |
|---|--|
| What does the qualification cover?            | <ul style="list-style-type: none"><li>• <b>The Foundation in Construction and Building Services Engineering (Level 2)</b> provides a <b>broad introduction</b> to construction and building services engineering. It has been developed for individuals working in or intending to work, in these sectors</li></ul>  |
| Who is the qualification for?                 | <ul style="list-style-type: none"><li>• <b>It is aimed at learners in work-based learning and further education.</b> This qualification will enable learners to go on to study a <b>range of other level 2 or 3</b> Construction and Building Services Engineering (BSE) courses relevant to their trade interest area.</li><li>• <b>learners aged 16+</b> currently working in or intending to work in the construction and built environment sector</li><li>• <b>site operatives</b> who want to widen their knowledge, understanding and skills in the sector more generally.</li></ul> |
| What will be the mode of attendance?          | <ul style="list-style-type: none"><li>• <b>It may be taken either as a full-time</b> programme of learning that is <b>usually delivered over one year</b>; as a part-time programme of learning within an <b>*Apprenticeship framework.</b></li></ul>  |
| What opportunities for progression are there? | <ul style="list-style-type: none"><li>• <b>Progression</b> in Construction Level 2 - City &amp; Guilds</li><li>• <b>Progression</b> in Building Services Engineering Level 2 - EAL</li><li>• <b>Construction/BSE</b> Level 3 (trade area) - City &amp; Guilds and EAL</li></ul>  |

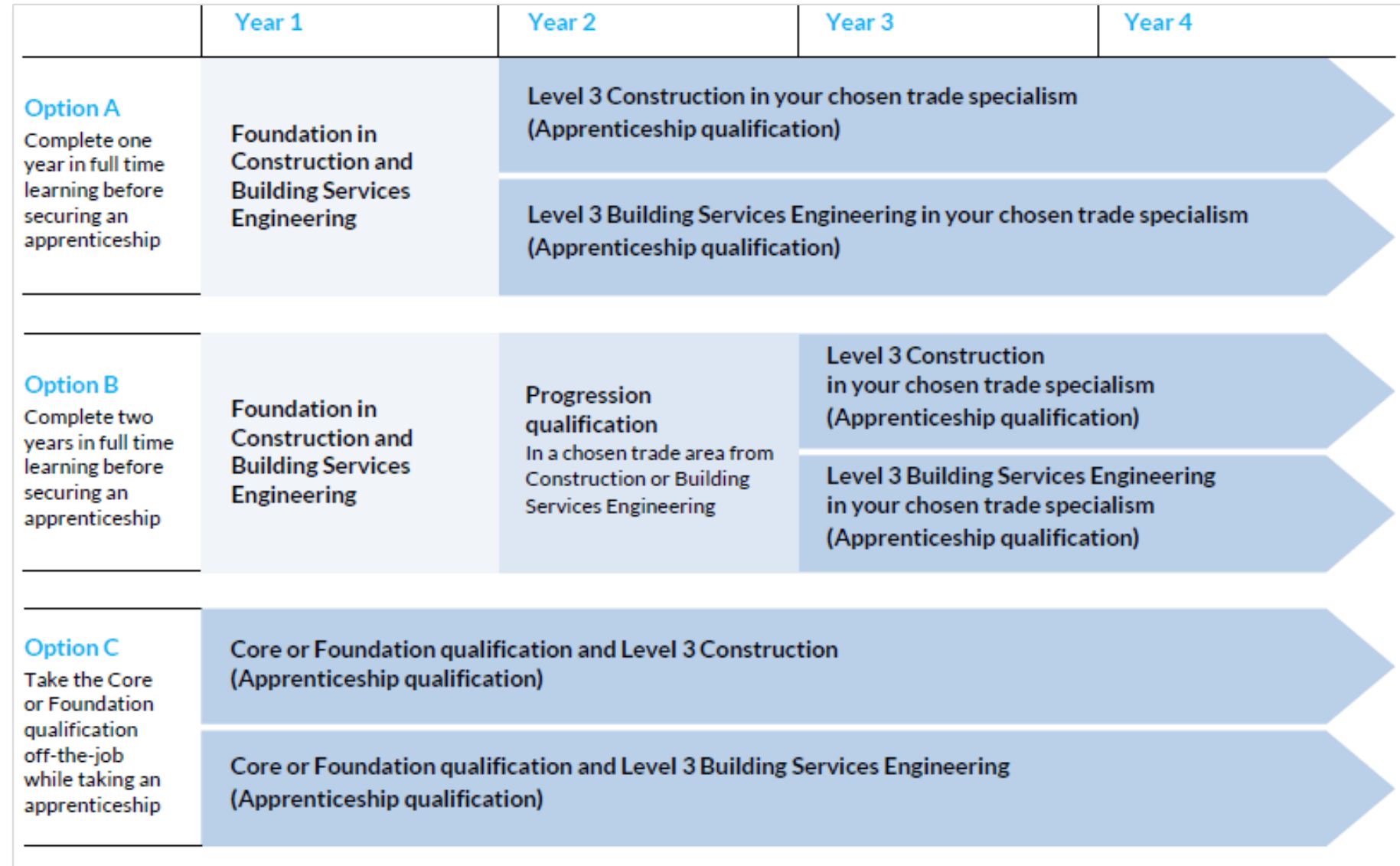
# Cymhwyster sylfaen

## Foundation qualification

The **Foundation qualification is the entry point for learners** who wish to start their journey towards occupational competence in a construction or building services engineering trade.

The Progression qualification has been designed as an **optional second year for learners to do after the Foundation**. It is particularly useful as a meaningful programme of study in full time education if a learner has not secured an apprenticeship place.

This diagram shows the various learner journeys through the new suite of qualifications and how the Foundation is the starting point



A construction worker wearing a yellow t-shirt and a high-visibility yellow vest with reflective silver stripes is shown in profile, working on a wall. He is wearing blue work gloves and is using a tool to apply or smooth a substance on the wall. The background is a blurred construction site with white and blue walls.

**Cynnwys y Cymhwyster  
Sylfaen**

**Foundation Qualification  
Content**

### Foundation and Core (City & Guilds)

- Working with brick, block and stone.
- Wood Occupations
- Decorative Finishing & industrial painting.
- Plastering & Interior systems
- Roofing Occupations
- Construction & Civil Engineering occupations
- Wall and Floor Tiling
- Plant Operations
- Plumbing, heating and ventilation
- Electrotechnical systems

### Pre- Foundation/Level 1 (City & Guilds)

- Construction Skills \*
- Plumbing and Electrical \*

### Progression Construction (City & Guilds)

- Bricklaying
- Architectural Joinery
- Site Carpentry
- Timber Frame Erection
- Painter
- Solid Plastering
- Dry Lining
- Roof Slater and Tiler
- Civil Operations- Groundworks

### Building Services Engineering (EAL)

- Plumbing and Heating
- Electrotechnical Installation

### Apprenticeship L3 Construction (City & Guilds)

- Dry Lining (2)
- Roof Slater & Tiler (2)
- Civil operations-Groundworks (2)
- Plant Operations (2)
- Bricklaying (3)
- Architectural joinery (3)
- Site carpenter (3)
- Timber frame erection (3)
- Painter and Decorator (3)
- Wall and Floor tiling (3)
- Solid Plastering (3)

### Building Services Engineering (EAL)

- Heating and Ventilating Craftsperson (3)
- Plumbing and Heating (3)
- Electrotechnical Installation(4)

### Rules of Combination



To achieve the Foundation in Construction and Building Services Engineering (Level 2) learners must successfully achieve:

- **6 Core units (101-106)**
- **2 optional trade specific units (107-116)**

**Achieving a Pass grade or higher in the three assessment methods, totalling 540 GLH.**











# Rhifau a theitlau unedau craidd

## Core unit numbers and titles

|   | Unit No. | Unit Title  | GLH |
|---|----------|---|-----|
|    | 101      | Introduction to the Built Environment   | 15  |
|    | 102      | Introduction to the trades in Construction  | 30  |
|    | 103      | Introduction to the Built Environment life cycle  | 55  |
|    | 104      | Employability in Construction and the Built Environment sector  | 30  |
|   | 105      | Protecting Health, Safety and the Environment when working in the Construction and Built Environment sector | 48  |
|  | 106      | Introduction to emerging technologies in Construction and the Built Environment sector                      | 20  |

# Rhifau a theitlau uned dewisol

## Optional unit numbers and titles

|   | Unit No. | Unit Title   | GLH |
|---|----------|--|-----|
|    | 107      | Working with Brick, Block, Stone.                        | 140 |
|    | 108      | Wood Occupations   | 140 |
|    | 109      | Plastering and Interior systems                          | 140 |
|    | 110      | Decorative finishing and industrial Painting occupations | 140 |
|    | 111      | Roofing occupations                                      | 140 |
|    | 112      | Construction operations and Civil engineering operations | 140 |
|   | 113      | Plumbing Heating and ventilation                         | 140 |
|  | 114      | Electrotechnical Systems and Equipment                   | 140 |
|  | 115      | Plant Operations   | 140 |
|  | 116      | Wall and Floor tiling                                    | 140 |



# Enghreifftiau o Reol Gyfuno

## Rule of Combination Examples

| Learner | Core Units | 107 WWBBS | 108 Wood | 109 PIS   | 110 DFIP | 111 RO | 112 COCE | 113 PHV | 114 ESE   | 115 PO | 116 WFT |
|---------|------------|-----------|----------|-----------|----------|--------|----------|---------|-----------|--------|---------|
| A       | Green      | Green     |          | Green     |          |        |          |         |           |        |         |
| B       | Red        | Red       |          |           |          |        | Red      |         |           |        |         |
| C       | Blue       |           |          |           |          |        |          | Blue    | Blue      |        |         |
| D       | Dark Blue  |           |          | Dark Blue |          |        |          |         | Dark Blue |        |         |
| E       | Red        |           |          |           | Red      |        |          |         |           |        | Red     |
| F       | Purple     |           | Purple   |           |          | Purple |          |         |           |        |         |
| G       | Olive      |           |          |           |          |        | Olive    |         |           | Olive  |         |

# Oriau Dysgu Dan Arweiniad a'r Cyfanswm Oriau Cymhwyso

## Guided learning hours (GLH) and Total Qualification Time (TQT)

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- **Guided learning hours (GLH)** gives an indication to centres of the amount of supervised learning and assessment that is required to deliver a unit and can be used for planning purposes.
  - 540 GLH
- **Total Qualification Time (TQT)** is the total amount of time, in hours expected to be spent by a learner to achieve a qualification. It includes the following.
  - Teaching
  - Hours spent in preparation
  - Study
  - Undertaking some formative assessment activities
  - TQT for this qualification is 600/60 credits



**Strwythur yr uned**

**Unit Structure**

# Strwythur uned

## Structure of a unit

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### Learning outcomes

Learning outcomes group together chunks of related practical skills and/or knowledge and are presented as the result of the learning process. i.e. what learners must understand or be able to do following teaching and learning.

All learning outcomes are supported by a number of assessment criteria

### Assessment Criteria

Assessment criteria break down the learning outcome into smaller areas to be covered, these criteria are what will be assessed in connection with the learning outcome

### Range

Range contains information about the breadth required for a specific assessment criterion, for example, the actual reasons for stacking and storing materials. The range is not an exhaustive list, there may be other examples that could fit within that topic area.

– all elements listed in the range must be covered as part of the delivery of the unit.

# Strwythur uned

## Structure of a unit

Unit No and Title

**Unit 106: Introduction to emerging technologies in Construction and the Built Environment Sector**

Level & GLH

**Level:** 2

**GLH:** 20

Brief Description

**What is this unit about?**

The purpose of this unit is for learners to be [introduced to the emerging technologies](#) that are currently being used in the construction and built environment, their uses and how they benefit the industry. They will also be [introduced to future technologies](#) that are being introduced to construction and the built environment.

Learning  
outcomes

**Learning outcome:**

1. Know the use of Building Information Modelling (BIM) within construction and the built environment

# Strwythur uned

## Structure of a unit

Learning outcome  
Number and Title

### Learning outcome:

### 3. Know about off-site construction

Criteria and  
range to cover

### Criteria

3.1 Benefits of pre-fabricated construction.

**Range:** sustainability, value, efficiency.

3.2 Types of pre-fabrication work.

**Range:** types of pre-fabricated buildings, pre-fabricated sub-assemblies and components, uses, characteristics, construction materials.

Delivery outcome  
(depth of content)

3.2 Learners will know the types of pre-fabricated buildings, sub-assemblies and components and construction materials and their uses and characteristics in pre-fabricated construction. Types of pre-fabricated buildings: panelised systems, volumetric, hybrid systems (including bathroom and kitchen pods). Sub-assemblies and components: roof and wall systems, floor systems, components utilised within sub-assemblies (including hybrid bathroom pod). Construction materials: concrete, steel, timber, hybrid



# Crynodeb o'r Aseiad

# Summary of Assessment

# Crynodeb o'r Aseiad

## Summary of assessments

The Foundation in Construction and Building Services Engineering (Level 2) is assessed using 3 assessment methods

| Assessment type             | Approach to assessment                    | Weighting<br>(Contribution to overall qualification grade) |
|-----------------------------|---|--|
| <b>On-screen Assessment</b> | <b>Externally-set, externally-marked</b>  | <b>20%</b>   |
| Practical Project           | Externally- set, internally-marked        | 60%  |
| <b>Guided discussion</b>    | <b>Externally- set, internally-marked</b> | <b>20%</b>   |

- An assessment pack detailing the requirements of the assessment can be downloaded from the Skills for Wales website. <https://www.skillsforwales.wales>
- Details of coverage of each assessment can be found in the assessment specifications within the assessment pack



# Asesiad Assessment

## On-Screen sample assessment test questions

**Q1) Which of these has been designed to incorporate a bedroom in the loft space?**

- A) Dormer bungalow.
- B) Terrace house.
- C) Apartment.
- D) Static mobile home.

**Q2) Drag from the left column and drop in to the right column to complete. Complete the sequence of activities to correctly construct a brick/block cavity wall house.**

Internal plastering.

Roof slating.

Substructure to DPC.

A. ....

B. Brickwork to wall plate.

C. ....

D. Door linings.

E. ....

**Q3) Which of these is a suspension bridge?**



# Crynodeb o'r Aseidiadau

## Summary of Assessments

### On- Screen Assessment

- MCQ
- Externally set
- Auto-marked
- Results received by the centre same-day

### Practical Project

- Internally marked
- Externally verified
- Provisional marks awarded following internal assessment

### Guided Discussion

- Internally marked and externally verified
- Provisional marks awarded

### Overall qualification results

- Provisional grades for the Practical project and guided discussion must be provided to learners within one week of completion
- Undergo internal and external quality assurance.
- Final grading will be issued by City & Guilds

### Resubmission/re-sit of Assessment

- When a learner fails to successfully achieve a pass grade in any of the assessments. They are permitted to re-sit/submit.

**Further information will be provided during the trade specific webinars**

# Gweithgaredd

## Activity



# Cynlluniwr darparu y gellir ei addasu

## Adaptable delivery planner



Adaptable delivery plan for \_\_\_\_\_ Level \_\_\_\_\_ Academic Year \_\_\_\_\_



| Term 1<br>Autumn/Winter           | Week 1         | Week 2  | Week 3  | Week 4  | Week 5       | Week 6  |
|-----------------------------------|----------------|---|---------|---------|--------------|---------|
| Technical Qualification key dates |                |   |         |         | Week numbers |         |
| Induction Dates                   |                | Editable Excel file<br>for week-by-week<br>planning |         |         |              |         |
| Unit -                            | Editable Units |   |         |         |              |         |
| Unit -                            |                |   |         |         |              |         |
| Unit -                            |                |   |         |         |              |         |
| Unit -                            |                |   |         |         |              |         |
| Unit -                            |                |   |         |         |              |         |
| Unit -                            |                |   |         |         |              |         |
| Unit -                            |                |   |         |         |              |         |
| Unit -                            |                |   |         |         |              |         |
| Unit -                            |                |   |         |         |              |         |
| Term 2<br>Winter/Spring           | Week 15        | Week 16   | Week 17 | Week 18 | Week 19      | Week 20 |
| Unit -                            | Term times     |   |         |         |              |         |
| Unit -                            |                |   |         |         |              |         |
| Unit -                            |                |   |         |         |              |         |





# Gweithgaredd Activity

- Prior to the webinar you should have received a proposed Foundation delivery planner and the unit 101 content
- The delivery planner is an editable document that you may find useful when starting to plan your delivery in readiness for September 2021.
- For this activity we would like you to begin by completing the number of weeks on the delivery planner you believe you may require to deliver unit 101.
- You will have **20 mins** to complete the activity and then 10 mins to answer any questions you may have.

# Paratoi ar gyfer darparu

## Preparation for delivery

### Cynlluniwr darparu uned sylfaen

### Foundation delivery planner

- Includes all Foundation Units
- Editable spreadsheet to add/adapt as required
- Complements the scheme of work
- Printable for staff/classroom use
- Blank planner available for providers

### Delivery Planner - Foundation in Construction and Building Services Engineering

Coloured box indicates suggested delivery - this may be amended to suit each centre

|   | Week 1 | Week 2 | Week 3 |
|---|--------|--------|--------|
| <b>Term 1<br/>Autumn/Winter</b>   |        |        |        |
| College Induction   |        |        |        |
| Introduction to the Built Environment   |        |        |        |
| Introduction to the Trades in the Construction and Built Environment Sector                                 |        |        |        |
| Introduction to the Built Environment Life Cycle  |        |        |        |
| Employability in Construction and the Built Environment Sector  |        |        |        |
| Protecting Health, Safety and the Environment when working in the Construction and Built Environment Sector |        |        |        |
| <b>Term 2<br/>Winter/Spring</b>   |        |        |        |
| Protecting Health, Safety and the Environment when working in the Construction and Built Environment Sector |        |        |        |
| Introduction to emerging technologies in Construction and the Built Environment Sector                      |        |        |        |

Term times

Week numbers

Unit Titles



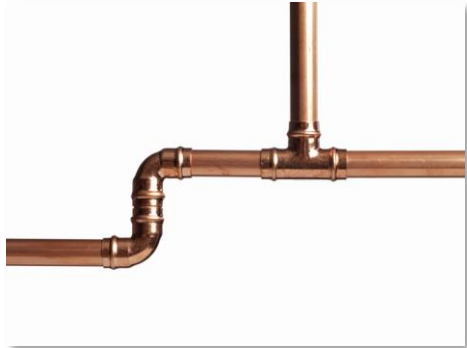
# Adnoddau

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# Resources

# Y Cymhwyster Sylfaen a Hodder Education

## The Foundation and Hodder Education



Hodder Education are excited to be supporting the new Foundation qualification in 2021.

The book will be similar, in terms of layout, tone and use of learning features, to other Hodder Construction and Building Services publishing for City & Guilds.

- A sample chapter can be found [here](#).
- Complete coverage of the **Foundation qualification's six core units**
- Get ready for the **workplace with Industry Tips**; Health and Safety reminders; and guidance on values and behaviours
- **Test your knowledge** with practical scenarios and case studies contextualised to Wales
- **Prepare for assessment** with end-of-chapter multiple-choice tests and practical scenarios.





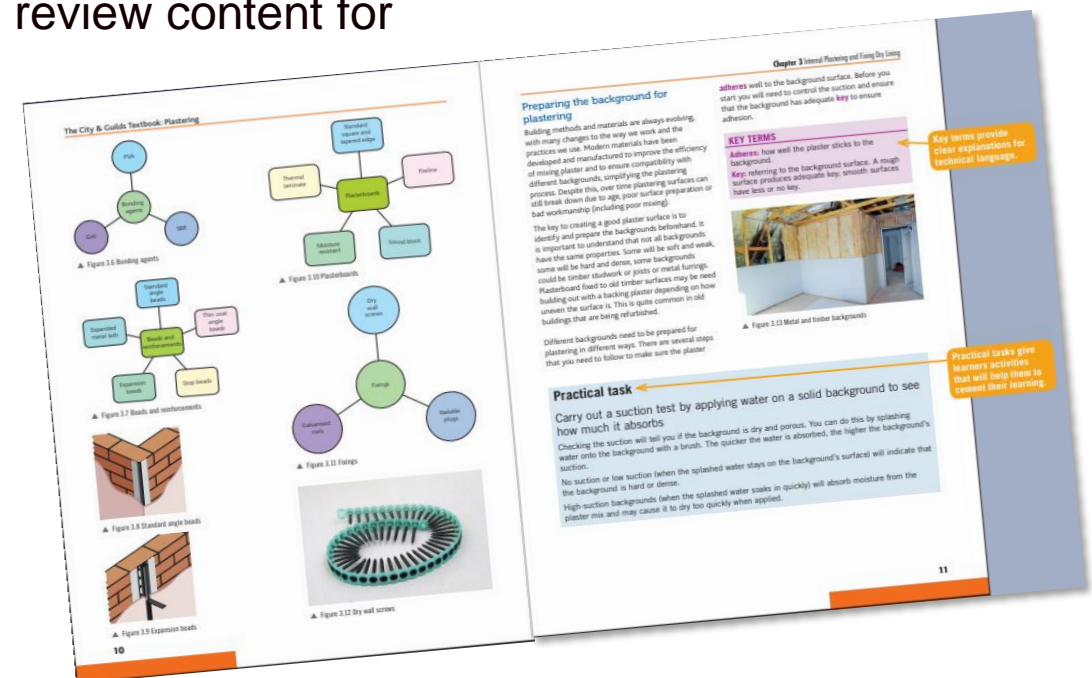
# Y Cymhwyster Sylfaen a Hodder Education

## The Foundation and Hodder Education

- Hodder will also publish **free mapping documents**, which demonstrate how Hodder Education's existing publishing can be used to deliver trade-specific elements.
- Hodder would always love to hear your thoughts on their plans! We will also have our content reviewed before publication and can share sample material in advance, so that you can see how it might support your classroom teaching.
- If you would like to join our Teacher Team, or would like to review content for Hodder Education, please be in touch with Tom Stottor ([thomas.stottor@hoddereducation.co.uk](mailto:thomas.stottor@hoddereducation.co.uk)).

**Publishing July 2021**

£28.99 - Available in print and digital formats!



# Deunyddiau CPD

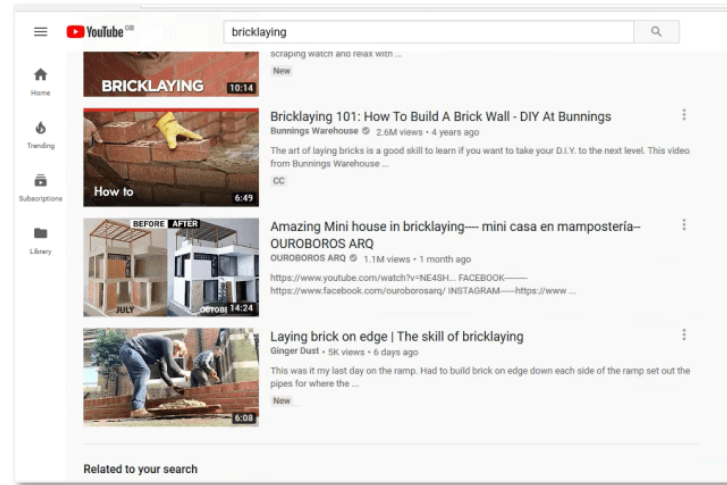
## CPD Materials

### CPD materials

– first release

April 2021

There will be a quarterly newsletter to pull together up-to-date information from the market.



### Generating materials for tutor CPD

– bringing together:

- manufacturers' news,
- technical developments in the sector,
- information on events and
- useful content from the internet



# Deunyddiau cefnogi ar gyfer prosiectws darparwr

## Support material for provider prospectus



## Construction and Building Services Engineering Qualifications

Support material for provider prospectuses

Construction and Building Services Engineering Qualifications



### Introduction to building the future

Construction and the built environment is one of the most important employment sectors in Wales.

It's estimated that there are 13,000 companies working in the sector, employing more than 130,000 people and contributing 6.5% of the country's Gross Value Added.

That's why Qualifications Wales chose it for a major review of the qualifications available in the industry.

Vocational qualifications, including those for construction and the built environment, make up 30% of the regulated qualifications available in Wales. As such, they need to reflect the skills that employers need.

The aim of the review was to assess the qualifications available in the sector and decide whether they needed to be changed in any way. A large part of this work involved meeting and talking with both large and small scale employers across Wales, as well as those teaching the qualifications in schools and colleges, to find out what they need.

We want to thank all our sector stakeholders for the support they have provided through the sector review and the part they are playing in helping guide these qualifications to meet the needs of employers, learners and delivery centres across Wales.

Particular thanks goes to the British Association of Construction Heads and the Stakeholder Advisory Group for their careful steering and wise guidance, which we are most grateful for.



## Cymwysterau yn barod i'w dysgu am y tro cyntaf ym mis Medi 2021

### → Sylfaen mewn Adeiladu a Pheirianeg Gwasanaethau Adeiladu (Lefel 2)

- Working with brick, block and stone
- Wood occupations
- Painting and decorating
- Plastering and interior systems
- Plumbing and domestic heating
- Roofing occupations
- Wall and floor tiling
- Electrotechnical systems and equipment
- Construction operations and civil engineering services
- Plant operations

### → Adeiladu Lefel 3 – Prentisiaeth arbenigo mewn crefft

- Gosod brics
- Gwaith coed pensaernïol
- Gwaith coed ar y safle
- Gosod fframiau pren
- Peintio ac addurno
- Teilsio waliau a lloriau
- Plastro
- Gwaith toi - llechi a theils
- Gweithrediadau offer
- Lelnio sych
- Gweithrediadau siffl - gwethiwr tir

### → Cynnydd mewn Adeiladu (Lefel 2)

- Gosod Brics
- Gwaith Coed Pensaernïol
- Gwaith Coed ar y Safle
- Gosod Fframiau Pren
- Peintio ac Addurno
- Plastro Soled
- Tŵwr - Llechi a Theils
- Lelnio Sych – Gosod
- Gweithrediadau Adeiladu – Adeiladu Cyffredinol

### → Peirianeg Gwasanaethau Adeiladu Lefel 3 - Plymio a Gwresogi

Plymio a Gwresogi

### → Peirianeg Gwasanaethau Adeiladu Lefel 3 - Gwaith Gosod Electro-dechnegol

Gosod Systemau ac Offer Electro-dechnegol

### → Cynnydd mewn Peirianeg Gwasanaethau Adeiladu (Lefel 2)

- Gosod Systemau ac Offer Electro-dechnegol
- Plymio a Gwresogi

### Manteision eraill cymryd y cymwysterau hyn:

- bydd y cymwysterau'n rhoi'r sgiliau y mae cyflogwyr yn chwilio amdanynt i'ch gwneud yn fwy cyflogadwy
- bydd gennych adnoddau i'ch cefnogi drwy eich cwrs i'ch helpu i ddatblygu'r sgiliau sydd eu hangen ar gyfer y cymwysterau
- wrth i chi symud drwy'r fframwaith cymwysterau, maent yn mabwysiadu dull sylmiach o asesu fel bod llai o ddyblygu sesiadau
- mae yna lwybrau cynnydd clir er mwyn i chi allu gweld eich llwybr ymlaen at astudio pellach neu i mewn i waith
- bydd gennych ddeuwis o adnoddau dysgu ac sesiadau dwyieithog (Cymraeg a Saesneg)

# Dogfen adnoddau Resource document



Mae'r ddogfen hon yn rhoi trosolwg i ganolfannau o'r canllawiau ynghylch cefnogaeth i ddysgwyr a'r adnoddau fydd eu hangen ar gyfer darparu'r gyfres newydd o gymwysterau Adeiladu a Pheirianeg Gwasanaethau Adeiladu yng Nghymru. Efallai y bydd gofynion ychwanegol ar gyfer darparu'r brentisiaeth yn llawn.

This document provides providers with an overview of guidance around the resource and learner support that will be needed for the delivery of the new suite of Construction and Building Services Engineering qualifications in Wales. There may be additional requirements to deliver the full apprenticeship.

| Cam                    | Cymhwyster Sylfaen mewn Adeiladu a Pheirianeg Gwasanaethau Adeiladu (Lefel 2)   | Cymhwyster Craidd mewn Adeiladu neu Beirianeg Gwasanaethau Adeiladu (Lefel 2)<br>(Mae hyn ar gyfer dysgwyr sy'n mynd yn syth i brentisiaeth)  | Cynnydd mewn Peirianeg Gwasanaethau Adeiladu (Lefel 2)<br>Llwybrau masnach dewisol  | Lefel 3 mewn Peirianeg Gwasanaethau Adeiladu Llwybrau masnach dewisol   | Cynnydd mewn Adeiladu (Lefel 2)<br>Llwybrau Masnach Dewisol   | Lefel 3 mewn Adeiladu Llwybrau Masnach Dewisol  |
|------------------------|---|---|---|---|---|---|
| <b>Asesiad</b>         | <b>Rheoli asesiadau</b> <ul style="list-style-type: none"> <li>Prawf amlddevis wedi'i osod yn allanol a'i farcio'n allanol</li> <li>Prosiect wedi'i osod yn allanol a'i farcio'n fefnol</li> <li>Trafodaeth dan arweiniad wedi'i hasesu'n fefnol</li> </ul> | <b>Rheoli asesiadau</b> <ul style="list-style-type: none"> <li>Prawf amlddevis wedi'i osod yn allanol a'i farcio'n allanol</li> <li>Prosiect wedi'i osod yn allanol a'i farcio'n fefnol</li> <li>Trafodaeth dan arweiniad wedi'i hasesu'n fefnol</li> </ul> | <b>Rheoli asesiadau</b> <ul style="list-style-type: none"> <li>Prosiect wedi'i leoli yn y ganolfan (yn benodol i Fasnach) wedi'i osod yn allanol a'i farcio'n fefnol</li> <li>Prawf amlddevis wedi'i osod yn allanol a'i farcio'n allanol</li> <li>Trafodaeth dan arweiniad wedi'i hasesu'n fefnol</li> </ul> | <b>Rheoli asesiadau</b> <ul style="list-style-type: none"> <li>Prosiect ymarferol yn y divydiant - yn fefnol (cyflogwr/darparwr) wedi'i osod yn fefnol a'i asesu a'i farcio'n fefnol</li> <li>Prawf/proffon amlddevis wedi'i osod yn allanol a'i farcio'n allanol</li> <li>Trafodaeth broffesiynol wedi'i hasesu'n allanol</li> </ul> | <b>Rheoli asesiadau</b> <ul style="list-style-type: none"> <li>Prosiect wedi'i leoli yn y ganolfan (yn benodol i Fasnach) wedi'i osod yn allanol a'i farcio'n fefnol</li> <li>Prawf amlddevis wedi'i osod yn allanol a'i farcio'n allanol</li> <li>Trafodaeth dan arweiniad wedi'i hasesu'n fefnol</li> </ul> | <b>Rheoli asesiadau</b> <ul style="list-style-type: none"> <li>Prosiect ymarferol yn y divydiant - yn fefnol (cyflogwr/darparwr) wedi'i osod yn fefnol a'i asesu a'i farcio'n fefnol</li> <li>Prawf/proffon amlddevis wedi'i osod yn allanol a'i farcio'n allanol</li> <li>Trafodaeth broffesiynol wedi'i hasesu'n allanol</li> </ul> |
| <b>Sicrhau ansawdd</b> | Sicrhau Ansawdd Mewnol y Prosiect, trafod a chyflwyno canlyniadau   | Sicrhau Ansawdd Mewnol y Prosiect, trafod a chyflwyno canlyniadau   | Sicrhau Ansawdd Mewnol y Prosiect, trafod a chyflwyno canlyniadau   | Sicrhau Ansawdd Mewnol y Prosiect, trafod a chyflwyno canlyniadau   | Sicrhau Ansawdd Mewnol y Prosiect, trafod a chyflwyno canlyniadau   | Sicrhau Ansawdd Mewnol y Prosiect, trafod a chyflwyno canlyniadau   |
| <b>Dilysu</b>          | Dilysu'n allanol  | Dilysu'n allanol  | Dilysu'n allanol  | Dilysu'n allanol  | Dilysu'n allanol  | Dilysu'n allanol  |
| <b>Ardystio</b>        | Consortium i Ardystio'r dysgwr  | Consortium i Ardystio'r dysgwr  | Consortium i Ardystio'r dysgwr  | Consortium i Ardystio'r dysgwr  | Consortium i Ardystio'r dysgwr  | Consortium i Ardystio'r dysgwr  |

| Stage                       | Foundation in Construction and Building Services Engineering (Level 2)   | Core in Construction or Building Services Engineering (Level 2)<br>(This is for learners who go straight to an apprenticeship)  | Progression in Building Services Engineering (Level 2)<br>Optional trade routes   | Level 3 Building Services Engineering<br>Optional trade routes   | Progression in Construction (Level 2)<br>Optional Trade Routes  | Level 3 Construction<br>Optional Trade Routes  |
|-----------------------------|--|---|---|--|---|--|
| <b>Pre delivery Stage</b>   | Apply for approval   | Apply for approval  | Apply for approval  | Apply for approval   | Apply for approval  | Apply for approval   |
| <b>Registering learners</b> | Register learners<br>Select two trade routes   | Register learners<br>Select one trade route   | Register learners<br>Select one trade route   | Register apprentices<br>Select one trade route   | Register learners<br>Select one trade route   | Register apprentices<br>Select one trade route   |
| <b>Delivery</b>             | <b>Deliver qualification content:</b> <ul style="list-style-type: none"> <li>6 core units</li> <li>Two trade routes</li> </ul> Deliver and invigilate, externally set and marked, multiple choice health and safety test (details of which are under review)<br>Periodically review learner progress | <b>Deliver qualification content:</b> <ul style="list-style-type: none"> <li>6 core units</li> <li>One trade route</li> </ul> Deliver and invigilate, externally set and marked, multiple choice health and safety test (details of which are under review)<br>Periodically review learner progress | <b>Deliver programme content:</b> <ul style="list-style-type: none"> <li>4 core units</li> <li>Trade specific units</li> </ul> Periodically review learner progress | <b>Deliver qualification content:</b> <ul style="list-style-type: none"> <li>Initial employer meeting to identify range of tasks required to meet the industry occupational requirements.</li> <li>Develop quality assurance check for employer confirmation process.</li> <li>Periodic reviews of progress and quality checks of evidence.</li> <li>Final review meeting with employer and confirmation document completion.</li> </ul> | <b>Deliver programme content:</b> <ul style="list-style-type: none"> <li>4 core units</li> <li>Trade specific units</li> </ul> Periodically review learner progress | <b>Deliver qualification content:</b> <ul style="list-style-type: none"> <li>Initial employer meeting to identify range of tasks required to meet the industry occupational requirements.</li> <li>Develop quality assurance check for employer confirmation process.</li> <li>Periodic reviews of progress and quality checks of evidence.</li> <li>Final review meeting with employer and confirmation document completion.</li> </ul> |

# Adnoddau Tiwtoriaid Tutor Resources

New tutor resources for all  
Foundation Qualification units  
– delivered for April 2021

Members from across the  
BACH colleges have been  
offered a reviewing role.

CITB will review.

FMB will review.

Experts will review from the  
Heritage perspective

The collage features several educational materials:

- Types of block** (Worksheet 1): A worksheet titled "Unit 7.1: Working with brick, block and stone" with a task: "Positioning materials in the correct place **before** commencing work is important to ensure efficiency. If materials are too far, look at the plan view of a small area. 1. Draw a red square to show the position of mortar joint boards." It includes a photograph of a grey concrete block.
- Types of brick** (Presentation slide): A slide titled "Types of brick" explaining that brick can be split into face brick and common brick. It includes a photograph of a multi-story brick building and a photograph of a single red brick.
- Unit 113: Plumbing, heating and ventilation** (Worksheet 9): A worksheet titled "Unit 113: Plumbing, heating and ventilation" with a task: "Complete the tasks in this worksheet as directed by your Tutor. 1. Label the connections on the cylinder." It includes a diagram of a hot water cylinder with labels A, B, C, D, and E.

Page numbers and copyright information are visible at the bottom of the documents: "5 of 14", "3 of 14", and "Page 1 of 3".

Provide specific, detailed support for  
tutors for areas of greatest  
need/uncertainty when they are delivering  
these qualifications for the first time


# Dolenni i adnoddau sy'n cael eu rhannu

## Links to Shared Resources

Existing resources produced by third parties to be added to the consortium website

We will link to the resources available on HWB.wales

We will link to relevant courses from trade and industry bodies such as CITB and NFB e-learning.




**Yr Amgylchedd Adeiledig**  
**Built Environment**

**Llyfr Gwaith Bricwaith**  
**Brickwork Workbook**

Some centres have expressed an interest in sharing content.

The Skills for Wales website will have a range of resources made available on it, including the ones shown here.



**Adran:** Yr Amgylchedd Adeiledig  
**Department:** Built Environment

**Cwrs:**  
**Course:**

**Lefel:**  
**Level:**

**Uned:** Ymarferion i ddatblygu Gwybodaeth Greiddiol ar gyfer Rhoi Papurau  
**Unit:** Safonol ar Walliau a Nenfydau  
*Exercises to develop Underpinning knowledge for Applying Standard Papers to Walls and Ceilings.*

|  |  |
|--|--|
| <b>Enw'r Ymgeisydd:</b><br><b>Name of Candidate:</b> |  |
| <b>Enw'r Tiwtor:</b><br><b>Name of Tutor:</b>        |  |



# Y Camau Nesaf

## Next Steps

# Amserlen 2021

## Timeline 2021

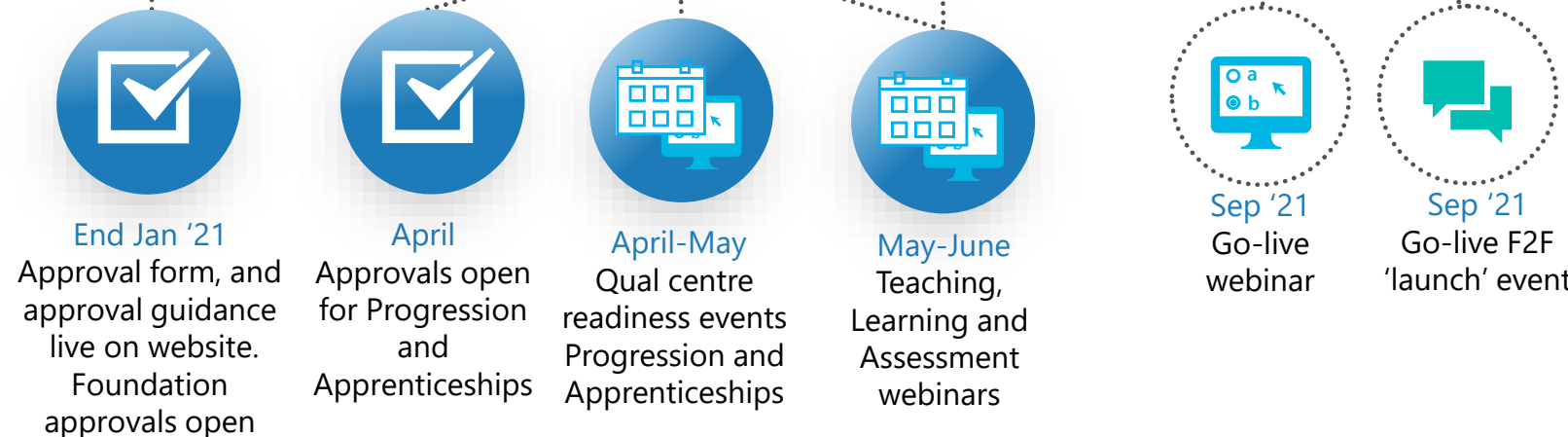
### Cefnogaeth yn y Dyfodol:

- Trosolwg o gynnydd a phenodol i'r sector
- Prentisiaethau
- Addysgu a Dysgu ac Aseu



### Upcoming Support:

- Progression overview and sector specific
- Apprenticeships
- Teaching and Learning and Assessment





# Llinellau amser cymeradwyo

## Approval timelines



# Gwybodaeth Gyswllt

## Contact Information



| City & Guilds  | EAL  |
|--|--|
| <b>Tîm Ansawdd (Tîm Ansawdd / Gwledydd 1):</b><br>0300 303 5352<br><a href="mailto:skillsforwales.quality@cityandguilds.com">skillsforwales.quality@cityandguilds.com</a>  | <b>Tîm Ansawdd:</b><br>01923 652400<br><a href="mailto:skillsforwales.quality@eal.org.uk">skillsforwales.quality@eal.org.uk</a>                              |
| <b>Gwasanaeth i Gwsmeriaid:</b><br>0844 543 0000<br><a href="mailto:skillsforwales.customer@cityandguilds.com">skillsforwales.customer@cityandguilds.com</a>               | <b>Tîm Profiad Cwsmeriaid:</b><br>01923 652400<br><a href="mailto:skillsforwales.customer@cityandguilds.com">skillsforwales.customer@cityandguilds.com</a>   |
| City & Guilds  | EAL  |
| <b>Quality team (Nations / Quality Team 1):</b><br>0300 303 5352<br><a href="mailto:skillsforwales.quality@cityandguilds.com">skillsforwales.quality@cityandguilds.com</a> | <b>Quality team:</b><br>01923 652400<br><a href="mailto:skillsforwales.quality@eal.org.uk">skillsforwales.quality@eal.org.uk</a>                             |
| <b>Customer Service:</b><br>0844 543 0000<br><a href="mailto:skillsforwales.customer@cityandguilds.com">skillsforwales.customer@cityandguilds.com</a>                      | <b>Customer Experience Team:</b><br>01923 652400<br><a href="mailto:skillsforwales.customer@cityandguilds.com">skillsforwales.customer@cityandguilds.com</a> |

# Crynhoi Recap

**New qualifications** will be available to learners who register on or after 1 September 2021

**Learners progressing through \*transition** will continue to be funded on current qualifications up until May 2022  
\*Check transition rules

**There will be a transition period** to allow learners who are already working towards a qualifications to be able to complete.

**Frequently asked questions** are on the website and will continue to be updated



# Cofrestru ar gyfer Gweminarau Register for Webinars



City & Guilds | eal Skills for Wales

ABOUT US CONTACT US SUBSCRIBE Cymraeg

Qualifications Support Resources Training and events Become a centre

## Training & Events

Here you'll find all the latest information on our Professional Development events and learning opportunities here. We'll be offering a range of online, and face-to-face events at locations all over Wales, to support teachers, trainers and assessors in the delivery and review of our new suite of construction and building services engineering qualifications.

As the new suite of qualifications in construction and building services engineering develop we will run face-to-face events and webinars to keep you up-to-date and help your centre get ready for first teaching from September 2021.

Events will take place across Wales to support your planning, delivery and assessment of the suite.

Sign up to receive information about Skills for Wales from City & Guilds and EAL, and receive emails about upcoming events and recordings of our webinars.

Skills for Wales - An introduction to the de...  
Gosod y sylfaen ar gyfer dyfodol mwy sefydlog  
Laying the foundations for brighter futures

Search Sector Level Date Clear all

|   |   |  |  |
|---|---|--|--|
| <br>20 January 2021 at 02:00 pm<br>Preparation to deliver the Foundation qualification<br>Event will open in @GoToWebinar | <br>22 January 2021 at 10:00 am<br>Preparation to deliver the Foundation qualification<br>Event will open in @GoToWebinar | <br>25 January 2021 at 03:00 pm<br>Preparing to deliver Foundation in Plumbing & domestic heating<br>Event will open in @GoToWebinar | <br>26 January 2021 at 03:00 pm<br>Preparing to deliver Foundation in Plumbing & domestic heating<br>Event will open in @GoToWebinar |
| <br>27 January 2021 at 03:00 pm<br>Foundation in Electrotechnical systems & equipment<br>Event will open in @GoToWebinar  | <br>29 January 2021 at 10:00 am<br>Foundation in Electrotechnical systems & equipment<br>Event will open in @GoToWebinar  | <br>2 February 2021 at 10:00 am<br>Foundation in working with brick, block & stone<br>Event will open in @GoToWebinar                | <br>2 February 2021 at 03:00 pm<br>Foundation in working with brick, block & stone<br>Event will open in @GoToWebinar                |

## Training and events | Skills for Wales

|  |  |   |   |
|--|--|---|---|
| <br>3 February 2021 at 03:00 pm<br>Construction operations and civil engineering services, Plant Operations<br>Event will open in @GoToWebinar | <br>5 February 2021 at 10:00 am<br>Preparing to deliver Foundation in Painting and decorating<br>Event will open in @GoToWebinar | <br>9 February 2021 at 10:00 am<br>Preparing to deliver Foundation in Wood Occupations<br>Event will open in @GoToWebinar       | <br>9 February 2021 at 03:00 pm<br>Preparing to deliver Foundation in Wood Occupations<br>Event will open in @GoToWebinar |
| <br>10 February 2021 at 03:00 pm<br>Preparing to deliver Foundation in Roofing Occupations<br>Event will open in @GoToWebinar                  | <br>11 February 2021 at 10:00 am<br>Foundation in Plastering & interior systems<br>Event will open in @GoToWebinar               | <br>12 February 2021 at 10:00 am<br>Preparing to deliver Foundation in Wall and floor tiling<br>Event will open in @GoToWebinar |   |

# Trefniadau trosiannol

## Transition arrangements

Transition arrangements for learners and centres during the introduction of the new Construction and Building Services Engineering qualifications in Wales.

|   | Profile  | Entry point   |
|---|--|---|
| 1 | FE learners who have completed a <b>broad level 1 qualification in summer 2021</b> , such as level 1 construction skills, who remain in full-time further education. | These learners would progress onto the new <b>Foundation</b> in Construction and Building Services Engineering (Level 2) qualification.   |
| 2 | FE learners who will have completed a <b>trade-specific level 1 qualification</b> in summer 2021 who remain in full-time further education. (Construction and BSE)   | These learners would have the opportunity to progress onto: <ul style="list-style-type: none"><li>▪ the new <b>Foundation</b> in Construction and Building Services Engineering (Level 2)</li><li>▪ or one of the <b>Progression</b> (Level 2) qualifications.</li><li>▪ While we encourage centres to progress learners onto the new qualifications, we are allowing for the extension of designation of the current level 2 FE trade-specific qualifications until 31 May 2022.</li></ul> |
| 3 | FE learners who will have completed a trade-specific level 1 qualification in summer 2021 who enter an <b>apprenticeship</b> . (Construction and BSE)                | These learners would begin the new Construction Level 3 or Building Services Level 3 qualifications.  |

Learners entering learning and training from September 2021, it is QiW expectation that they will begin study towards the newly introduced qualifications.



### **Cwestiynau? *Questions?***

Teipiwch eich cwestiynau yn y tab  
cwestiynau ar ochr eich panel ar y sgrin

*Please type your questions into the questions tab  
to the side of your on-screen panel*

# Mae eich adborth yn helpu

Mae eich adborth yn bwysig i ni ac mae'n ein helpu i wneud yn siŵr ein bod yn cyfathrebu yn y ffordd gywir, ac mae'n rhoi gwybod i ni pan fo angen gwella'r wybodaeth rydyn ni'n ei rhoi i chi.

Cadwch lygad am e-bost yn gofyn i chi am eich adborth ar y weminar hon.

# Your feedback helps

Your feedback is important to us as it can really help us make sure we are communicating in the right way, and informs us on how to make improvements to the information we provide you.

Please look out for an email asking for your feedback on this webinar.

# Diolch yn fawr Thank you

**Diolch yn fawr iawn i chi am wrando ac am eich cwestiynau.**

Os oes gennych chi ddi-ddordeb mewn helpu i ddatblygu'r cymwysterau hyn, neu os oes gennych chi unrhyw gwestiwn arall, cysylltwch â

[skillsforwales.customer@cityandguilds.com](mailto:skillsforwales.customer@cityandguilds.com)

**Thank you very much for listening and for your questions.**

If you have any further questions, then please contact

[skillsforwales.customer@cityandguilds.com](mailto:skillsforwales.customer@cityandguilds.com).

