Paratoi i gyflwyno'r Cymhwyster Adeiladu / Peirianneg Gwasanaethau Adeiladu Lefel 3

Preparing to deliver the Construction / Building Services Engineering Level 3 Qualification

Mawrth 2022



March 2022



Agenda

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Croeso a Chyflwyniad Pam y trawsnewid? Cynnwys y cymhwyster Lefel 3 Strwythur yr Unedau Crynodeb o'r Asesiad Canllaw Cadarnhad y Cyflogwr Adnoddau Dysgu Y camau nesaf Holi ac ateb

Welcome and introduction Why the transformation Level 3 qualification content Structure of the units Summary of Assessment **Employer Confirmation Guide** Learning resources Next steps Questions and answers

Cyfarfod y Tîm Meet the team





Angharad Lloyd-Beynon

Rheolwr Polisi, Rhanddeiliaid a Phartneriaethau, City & Guilds

Policy, Stakeholder & partnership manager City & Guilds.



Ian Roberts

Cynghorydd Technegol Adeiladu, City & Guilds Technical Advisor Construction, City & Guilds

Pam y trawsnewid?

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:

- Inconsistent 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

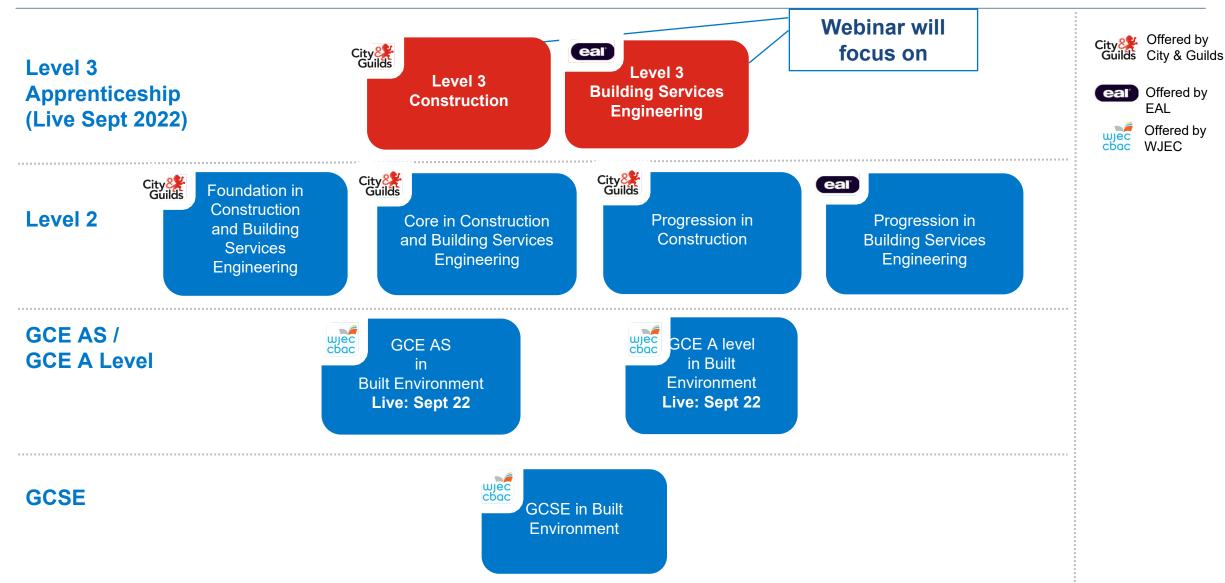
BUILDING THE FUTURE:

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



Y fframwaith cymwysterau Qualification framework





Cwestiynau sydd gennych Questions you may have



FAQ	Response
What does the qualification cover?	 The Level 3 Qualification in Construction and Building Services Engineering Learners will develop their knowledge, skills and understanding in either a Construction or Building Services Engineering trade contained in the National Occupational Standards. Learners will complete two 'core' units covering their relevant sector and practice in the sector within Wales.
Who is the qualification for?	 It is aimed at learners aged 16+ currently working in the Construction or the Building services Engineering industry. Learners who have either passed the level 2 Foundation in Construction and Building services Engineering qualification or will be completing their Core foundation qualification learning and assessments while in their apprenticeship. Learners who have completed the level 2 Progression in Construction or Building Services Engineering qualification.
What will be the mode of attendance?	 It is designed to be completed on a part-time basis within the apprenticeship. Before the assessments, learners must first demonstrate their performance and capability to the satisfaction of their employer.
What will the qualification lead to?	 On completion – the qualification will provide learners with the skills and knowledge required for the learner to be capable of working in their chosen trade area across the UK.

Cynnwys y Cymhwyster Adeiladu a Pheirianneg Gwasanaethau Adeiladu Lefel 3

Construction & Building Services Engineering Level 3 Qualification Content



Meysydd masnach cymwysterau

Qualification trade areas

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, EAL)

- 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 systems and Equipment Installation

Level 3 Construction (City & Guilds)

- Construction- Dry Lining Fixing
- Construction- Roof Slating & Tiling
- Construction -Civil Opps-Groundworks
- Construction Plant Operations
- Construction Bricklaying
- Construction Architectural Joinery
- Construction Site Carpentry
- Construction Timber Frame Erection
- Construction Painting & Decorating
- Construction Wall & Floor tiling
- Construction Solid Plastering

Level 3 Building Services Engineering (EAL)

- BSE Heating & Ventilating Craftsperson
- **BSE Heating & Ventilating Installation**
- BSE Plumbing & Heating
- **BSE Electrotechnical Installation**



Cyfanswm yr unedau a'r GLH: Adeiladu Total number of units & GLH: Construction



Teitl y Cymhwyster.	Unedau Craidd Cyffredin	Unedau Crefft	Pob math o asesiad	Cyfanswm GLH	Qualification Title.	Common Core units	Trade Units	All forms of assessment	Total GLH
Gwaith Coed Pensaernïol	6	8	107	1085	Architectural Joinery	6	8	107	1085
Gosod brics	6	5	57	765	Bricklaying	6	5	57	765
Gweithrediadau Sifil - Gwaith Tir	6	6	76	854	Civil Operations - Groundworks	6	6	76	854
Leinio Sych – Gosod	6	4	86	714	Dry Lining- Fixing	6	4	86	714
Peintio ac Addurno	6	6	86	710	Painting and Decorating	6	6	86	710
Gwaith Peiriannau	6	l'w gadarnha u	l'w gadarnhau	l'w gadarnhau	Plant Operations	6	6	37	722
Gwaith toi - llechi a theils	6	7	76	634	Roof Slating and Tiling	6	7	76	634
Gwaith Coed ar y Safle	6	8	71	804	Site Carpentry	6	8	71	804
Plastro Soled	6	6	96	1094	Solid Plastering	6	6	96	1094
Gosod Fframiau Pren	6	6	72	790	Timber Frame Erection	6	6	72	790
Teilsio Waliau a Lloriau	6	5	57	765	Wall and Floor Tiling	6	5	57	765





Strwythur yr uned

Unit Structure

Strwythur uned Structure of a unit



Deilliannau dysgu

Mae deilliannau dysgu yn grwpio rhannau o sgiliau ymarferol a/neu wybodaeth berthnasol gyda'i gilydd. Maent yn cael eu cyflwyno fel canlyniad y broses ddysgu, hynny yw, beth mae'n rhaid i ddysgwyr ei ddeall neu allu ei wneud ar ôl yr addysgu a'r dysgu.

Mae nifer o feini prawf asesu yn ategu pob deilliant dysgu.

Meini Prawf Asesu

Mae meini prawf asesu yn dadansoddi'r deilliant dysgu yn feysydd llai i'w trafod. **Y meini prawf hyn fydd yn cael eu hasesu yng nghyswllt y deilliant dysgu**

Ystod

Mae ystod yn cynnwys gwybodaeth am ba mor eang mae'n ofynnol i faen prawf asesu penodol fod. Er enghraifft, y rhesymau gwirioneddol dros bentyrru a storio deunyddiau. Nid yw'r ystod yn rhestr gynhwysfawr, efallai fod enghreifftiau eraill a allai fod yn berthnasol i'r maes pwnc hwnnw.

 rhaid i bob elfen a restrir yn yr ystod gael ei chynnwys fel rhan o'r gwaith o gyflwyno'r uned naill ai gan y darparwr hyfforddiant neu o fewn diwydiant

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 either by the training provider or within industry.

Strwythur uned Structure of a unit



Unit 301: Understanding Construction Practice in Wales Unit No and Title GLH **GLH**: 40 What is this unit about? **Brief Description** The purpose of this unit is for learners to explore and understand the wide and changing scope of the construction sector in Wales from pre-1919 practices to future development. It will provide an overview and set the scene for working in the construction sector in Wales. It is recommended this unit is delivered prior to the Working in the construction sector in Wales unit 302. Learning outcome 3: Learning Know the changes in construction pressures and materials over time. outcomes





Crynodeb o'r Asesiad

Summary of Assessment

Crynodeb o'r Asesiad Summary of assessments



The City and Guilds Construction Level 3 and EAL Building services Level 3 are assessed using 3 assessment methods

Assessment type	Approach to assessment	Weighting (Contribution to overall qualification grade
On-screen Assessment (Test 1 and 2)	Externally-set, externally-marked	20%
Practical Project	Internally- set, externally verified, Internally marked	60%
Professional Discussion	Externally set, Externally marked	20%

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

Crynodeb o'r Asesiadau

Summary of Assessments



On- Screen Assessment

- MCQ- Construction Complete Test 1 and 2 (45-44 Questions 70 mins)
- MCQ BSE Complete Test 1, 2, and Test 3 (electrical only)
- Externally set and auto-marked
- Results received by the centre same-day
- Recognition of prior achievement can be gained for Test 1 when achieved Progression in same trade.

Practical project

- Work based tasks
- Collaboration with Employer /Training Provider
- Internally marked
- Subject to External verification.
- Provisional marks awarded following internal assessment
- Provisional grades are submitted to
 - * City and Guilds Construction
 - * EAL online services BSE

Professional Discussion

- Conducted by an external Assessor
- Carried out in one timed sitting.
- External assessor will be occupational competent.
- Units covered in the professional discussion are outlined within the Qualification Handbook.
- Can only take place once the learner has completed the Practical Project and Employer confirmation.

Crynodeb o'r Asesiadau

Summary of Assessments



Employer Confirmation

- Provides guidance to employers and training providers on how the occupational competency statements set by industry have been met.
- All mandatory sections of the employer confirmation must be completed.
- Employer confirmation must be completed before the point of booking the professional discussion.
 - * City & Guilds Construction
 - EAL BSE
- Support the learner in applying for their relevant competency card.

Overall qualification result

- Qualification is graded Pass, Merit, Distinction.
- Provisional grades for the practical project will undergo internal and external quality assurance.
- Professional discussion External assessor will confirm grade.
- Final grading will be issued by * City & Guilds - Construction * EAL – BSE

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.
- When a learner is required to re-sit or resubmit any of the assessments, appropriate feedback and support must be provided to enable the learner to do so within an appropriate timeframe
- Guidance on the re-sit/resubmissions can be found in the assessment pack





Canllaw cadarnhad y cyflogwr

Employer confirmation guide

Canllaw Cadarnhad y Cyflogwr Employer Confirmation Guide





Employers will have an enhanced role in the delivery of the new apprenticeship qualifications in the construction and built environment sector.

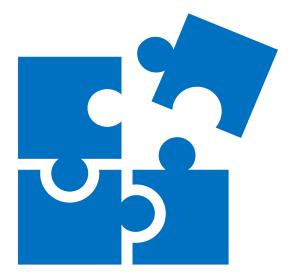
The purpose of the Employer confirmation sign-off

 is to provide centres and trade bodies with the assurance that the candidate is occupationally proficient and has covered the full range of relevant standards.

The Collection of Evidence

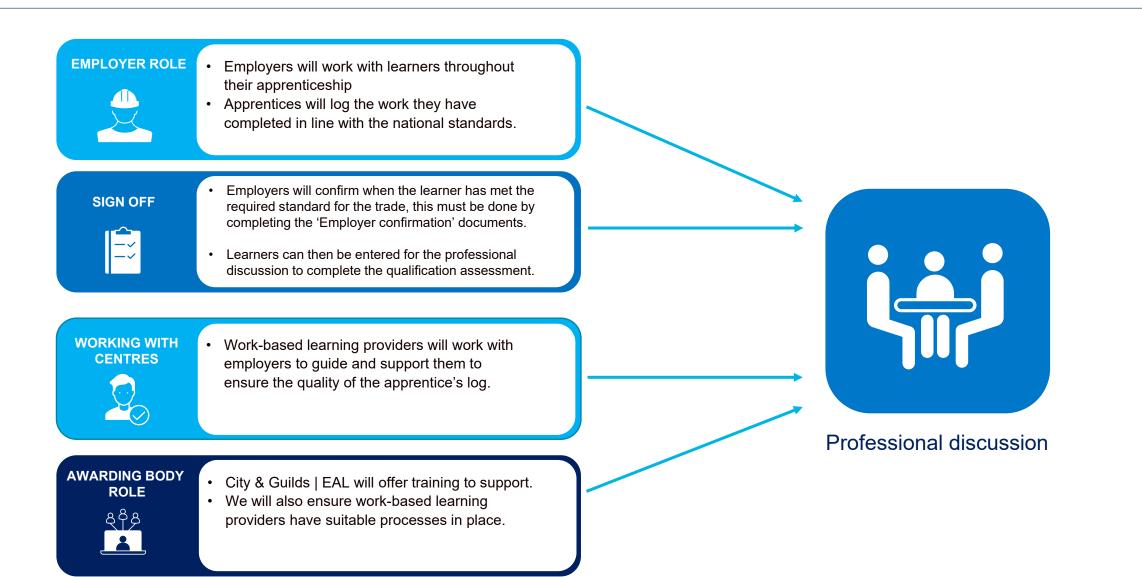
 allows the centre to check that the employer confirmation is valid and that there is an audit trail to support the decision.

We will provide centres and employers with instructions and requirements for completing this sign-off process within our Welcome Pack, further communicated at our centre and employer events.



Canllaw Cadarnhad y Cyflogwr Employer confirmation guide





Canllaw cadarnhad y cyflogwr Employer Confirmation Guide



	City 🧩 Guilds eat			City 🗱 🛛 eal	
Employer confirmation guide City & Guilds Construction (Level 3) - Architectur	ral Joinery		Canllaw cadarnhad y cyflogwr City & Guilds Adeiladu (Lefel 3) – Gwaith Coed Pen	saernīol	
Form A and Form B to be completed by the apprentice's employer.			Dylei cyflogwr y prentis lenwi Ffurflen A a Ffurflen B.		
				Cynnwys	
	Contents			Cyflwyniad	3
	Introduction			Rôl y cyflogwr	3
	Employer role	3		Rôl y darparwr hyfforddiant	3
	- Training provider	3		City & Guilds EAL	4
	City & Guilds EAL	4		Gofynion y portffolio tystiolaeth	4
	Portfolio of evidence requirements	4		Efelychiad Ffurflen A - Gwybodaeth cadamhad y cyflogwr	4
	Simulation			Furthen A - Gwybodaeth Cadarnina's cynlogwr Ffurflen B - Gwybodaeth rhestr wirio'r cyflogwr	-
	Form A - Employer confirmation information Form B - Employer checklist information	Form A Employer confirmation	Fersiwn Dyddiad Rheswm dros y newid	Canllaw 8 cam i Gyflogwyr a Darparwyr	Ffurflen A. Cadarnhad y cyflogwr
Version Date Reason for change	Form B - Employer checklist information Employer and Provider - 8 Step Delivery Guide	Employer confirmation is confirming the apprentice is occupationally problem and has met all the occupational competency statements and can now continue to their final assessment, the Professional discussion.	1.0 Awst 2021	Fhurflen A - Cadarnhad y cyflogwr	Mae cadamhad y cyflogwr yn cadamhau bod y prentis yn fedrus yn yr alwedigaeth a'i fod wedi bodion'r holl ddatganiadau cymhwysedd galwedigaethol a'i fod nawr yn galu parhau â'i asesiad terfynol, y Drafodaeth Broffesiynol.
1.0 Aug 2021	Form A - Employer confirmation	 The confirmation document is the responsibility of the employer with the support of the training provider. Quality assumes of the process will be the responsibility of the internet quality assume. The averanding body will check the process as part of externet quality assumes. 		Ffurflen B - Rhestr wirio'r cyflogwr	 Cjififoldeb v cyflogwr yw'r ddogfen cadamhad gyda chefnogaeth y dersarwr hyfforddiant. Y sichrawyr zaxawdd mewnol fydd yn gyfifol am sichrau ansawdd y broze. Byddy coeff dyffenu y gylwirio troaset Friena o derfa sichrau ansawdd silanol.
	Form B - Employer checklist				
		Section 1: Apprentice details Apprentice name			Adran 1: Manylion y prentis Enviry prentis
		Apprentice registration number			Rhif cofrestruir prentis
		Quelification the and number Centre name			Tell a hif y cymhwyster Enw'r yanolfan
		Section 12: Occupational competency statements Occupational competency statements met for Yes Employer initial Contom to general workpace, heads and safety and wefare VR541			Adran 2: Detpaniadau cymłowysaść galwed pastłoći Detpaniadau cymłowysaść galwed gastłoći wadłiu cyfikawi ar gyfer – Ydy – Llythrennau cystaf erw/r cyfispwr Cyfumfurfia i lectyci a sicypilwh a Llec yn ywebite 17541
		Conform to productive practices VR642		4	Cydymffurfio ag arferion cynhyrchiol VR642
	1	Move, handle and store recourses VR543 Mark out from setting out details for routine products VR15			Symud, trin e storie adnoddau VR643 Marcio allan yan ddefnyddo'r menyllon ysood allan ar yyfer cynhyrchion arferol
		Produce setting out deals for routine products VRL9 Produce setting out deals for routine products VRL4			Marcio allan gan defnyddio'r manyllon gosod allan ar gyfer cynhyrchion arferol VRIS Cynhyrchu manyllon gosod allan ar gyfer cynhyrchion arferol VRI4
		Manufacture routine products VR16			Cynhyrchu cynhyrchion cyffredin VR16
		Set up and use transportable cutting and shaping machines VR628 Manufacture beopole products VR632			Gosod a defnyddio peiriannau torri a siapio cludadwy VRd28
		Manufacture begolie products VR632 Set up and use fixed mechinery VR633			Cynhyrchu cynhyrchion pwrgesol VR622 Cocod a defnyddio periwnau sefydiog VR623 Cocod a defnyddio periwnau sefydiog VR623
		Produce setting out details for bespole products VRdS4			Cjinhyrchu manylion gosod allan ar gyfer cynhyrchion pwrpesol VR834
	Employer confirmation guide	Attudes and behaviours		Canilaw cadamhad y cyflogwr	Agweddau ac ymddigiad
		Portfolio complete Cptional unit: Conserve or restore timber-based products VR553			Portfolio vedil publiku Uned ddevlaci: Cadu neu adfer cynhychion pren 18553
		Employer confirmation public 7			Cardian colombad y cyfloger 7

Canllaw cadarnhad y cyflogwr Employer Confirmation Guide (Form A)



Section 1 Completed at the start of the candidate apprenticeship

Section 2

Completed by the employer when the learner has completed all the statements outlined within Form B

Now added the OCS unit number

Form A En	ployer	confirmation
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Employer confirmation is confirming the apprentice is occupationally proficient and has met all the occupational competency statements and can now continue to their final assessment, the Professional discussion.

- The confirmation document is the responsibility of the employer with the support of the training provider.
- Quality assurance of the process will be the responsibility of the internal quality assurer.
- The awarding body will check the process as part of external quality assurance.

Section 1: Apprentice details

Section 2: Occupational competency statements

Occupational competency statements met for

Confirm to productive practices VR642

Move, handle and store resources VR643

Finish dry lining walls and ceilings VR618

Install dry lining systems VR129

Install plasterboard linings VR130

Attitudes and behaviours

Portfolio complete

Conform to general workplace, health and safety and welfare VR641

.

11	
Apprentice name	
Apprentice registration number	
Qualification title and number	
Centre name	

Yes

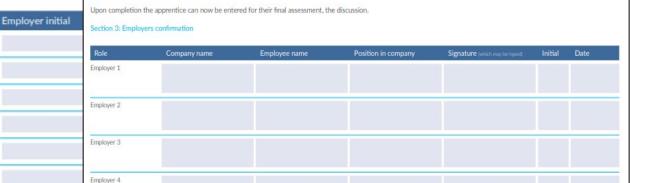
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Form A Continued

Internal Quality Assurer

Section 3

Completed by the employer and IQA when the learner has completed all the statements outlined within Form B. Provision for more than 1 employer



Canllaw cadarnhad y cyflogwr Employer Confirmation Guide (Form B)

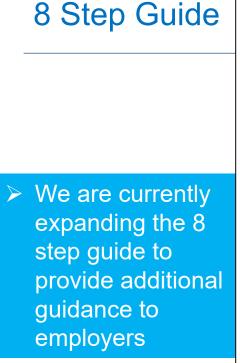


inish dry lining walls and ceilings (VR618)	Employ	er E2	ES	E4	Employer will complete when the learner has met the	
The Dry liner must be able to:					required national industrial	
Demonstrate work skills to measure, mark out, cut, apply, fit, finish, position and secure					standard	
Use and maintain hand tools, portable power tools and ancillary equipment to and nstall of plasterboard to given working instructions to:						
Tape and joint by or mechanical method						
orm internal and external angles						
Apply skim finish						
Apply primary protection/top coat						Employer will complete whe
Attitudes and behaviours The apprentice in their day to day execution of their role, demonstrated the following Personal Based Attitudes and Behaviours.	Employ E1	er E2	E3	E4		activities that meets all the required statements.
Apply professional judgement and support					Form B Continued	
Assertive and challenge unsafe behaviours/activities					Form B Continued	
Confident and demonstrate innovation through the identification of areas for improvement and suggestion and/or development of innovative solutions					Employer Company name Employee name	Employee initial Date
Identify and manage risks to self and others					Employer 1	
Keep work area clean and tidy						
Punctual and manage own time effectively					Employer 2	
Think logically and accordance with the demands of the situation using clear and valid reasoning when making decisions to undertake the work instructions						
Reliable and work effectively individually and in a team					Employer 3	
Work in accordance with quality requirements						
Work productively and be respectful (in terms of equality, diversity and inclusion)					Employer 4	
Dressed appropriately and work safely and ensure safety of others					Lingdoyer 4	

Employer and Provider 8 Step Delivery Guide

This 8 step guide gives employers and providers an overview of the apprentice support that will be required for the delivery of the Level 3 apprenticeship suite of Construction and Building Services Engineering qualifications in Wales.







Step 1

Apprentice secures employment and starts their learning journey.

Step 2

Providers meets with employer to identify the range of tasks required to meet the industry competency statements and work based project.

Step 3

Develop and agree quality assurance checks for employer confirmation process.

Step 4

Periodic reviews of apprentice's progress and quality checks of evidence from industry.

Step 5

Observation of practical industry project.

Step 6

Final review meeting with employer and apprentice. Employer completes confirmation documentation, apprentice showcases their portfolio of evidence.

Step 7 Apprentice progresses to the final assessment. (Professional discussion.)

Step 8

Upon successful completion of all components City & Guilds | EAL will certificate and apprentice can apply for industry competency card.

Additional vocational skills (Optional)

Units highlighted are skills that an employer may wish their employee to obtain above and beyond the mandatory vocational skills.

- Units highlighted in red are not included in current OCS
- All other units highlighted are located within the OCS as optional.
- Units are located within a pathway or the Heritage suite.

Next Steps

- Units have been added to the relevant employer confirmation guide.
- > The units will be optional.
- Employer will record activities carried out in line with the OCS/NOS.

Pathway	Unit title	Unit no
Heritage Site carpentry	Conserve or restore timber-based products	VR553
Heritage Architectural joinery	Conserve or restore timber-based products	VR553
Heritage Wall and floor tiling	Conserve, restore or maintain wall and floor tiling	VR555
Heritage Brickwork	Conserve or restore stonemasonry, brickwork or earthen structures Prepare and mix lime mortars	VR547 VR548
Heritage roof Slater tiler	Replace heritage roof coverings Repair and maintain heritage roof coverings	VR501 VR502
Heritage solid and fibrous plaster	Produce plastering finishes on conservation or restoration projects	VR556
Heritage Painting and Decorating	Prepare and paint surfaces on conservation or restoration projects	VR551





Adnoddau

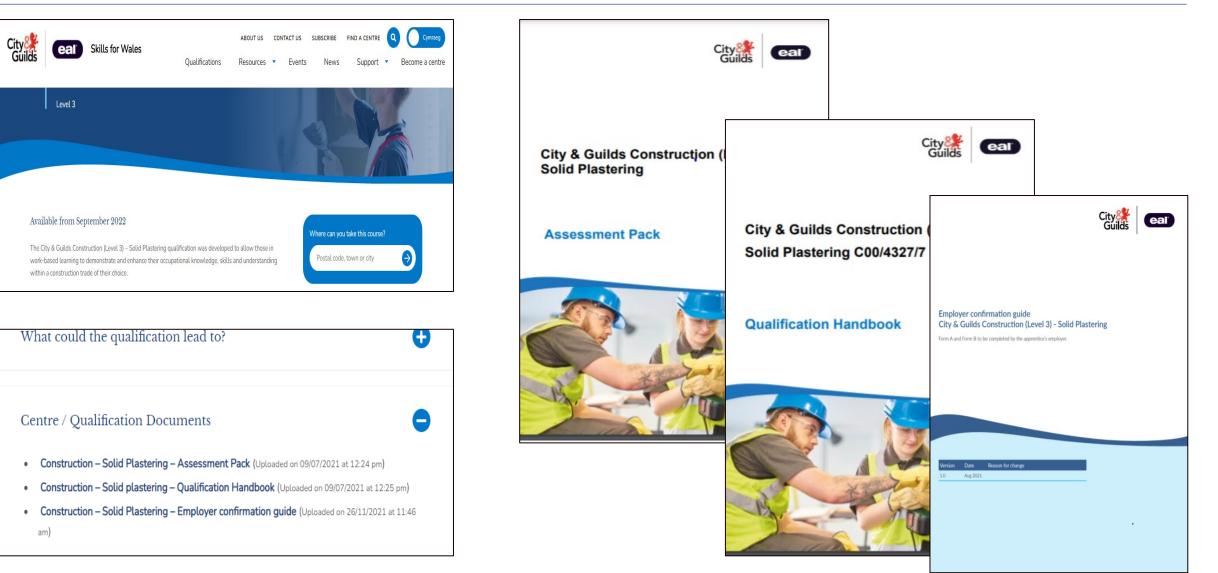
Resources



Deunyddiau ategol

Support material

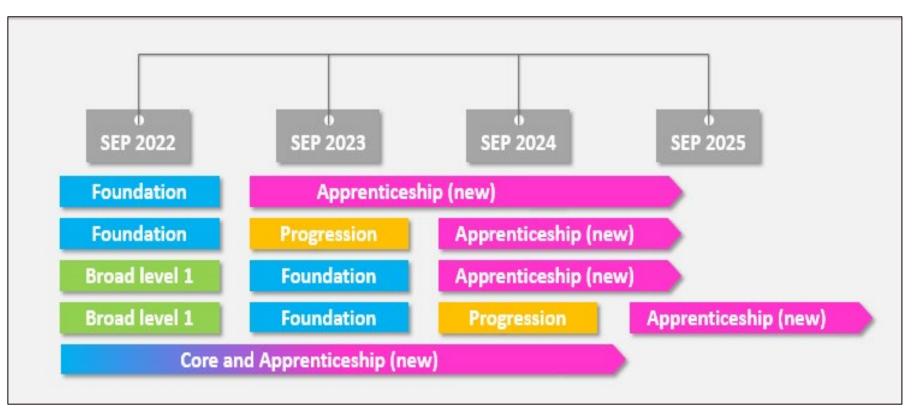




Trefniadau trosiannol Transition arrangements



LEARNER JOURNEYS COMMENCING IN SEPTEMBER 2022







Y Camau Nesaf

Next Steps



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

Diolch yn fawr Thank you

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

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

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.



