

# apprenticeship FRAMEWORK

## Higher Apprenticeship in Construction Management Level 4, 5 and 6 (Wales)

### IMPORTANT NOTIFICATION FOR ALL APPRENTICESHIP STARTS FROM 14 OCTOBER 2016

Modifications to SASW came into effect on 14 October 2016. These changes relate to the **Essential Skills and Employer Rights and Responsibilities** requirements of a framework and they **ONLY** apply to new Apprenticeship starts on, or after, 14th October. Apprenticeship starts before this date must continue to meet the 2013 SASW requirements for Essential Skills and Employer Rights and Responsibilities.

For more details of the changes and how they will affect new apprenticeship starts, please read the following preface page to the framework document. NB: Please check the "Revising a Framework" section for information on any additional changes that may have been made to this framework.

### Latest framework version?

For any previous versions of this framework: [www.acwcerts.co.uk/framework\\_library](http://www.acwcerts.co.uk/framework_library)

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# Higher Apprenticeship in Construction Management Level 4, 5 and 6 (Wales)

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# Framework information

Information on the Issuing Authority for this framework:

CITB

The Apprenticeship sector for occupations in construction.

Issue number: 7	<b>This framework includes:</b>
Framework ID: FR04421	Level 2 <input type="checkbox"/> Level 3 <input type="checkbox"/> Level 4-7 <input checked="" type="checkbox"/>
Date this framework is to be reviewed by: 24/09/2018	<b>This framework is for use in: Wales</b>

## Short description

The construction industry has had for many years a Higher Apprenticeship programme. This framework will help to attract, retain and develop talent into a range of occupations at Higher (Level 4, 5, 6) and provide the industry with a well-trained productive workforce. The Higher Apprenticeship in Construction Management at Levels 4, 5 and 6 will help to attract and provide progression for higher technicians, professionals and managers in a range of careers in construction and the built environment.

# Contact information

## Proposer of this framework

Construction Higher at Level 4, 5, 6 (Wales)

Proposer of the Framework

The proposers for the pathways within the Construction Higher Framework are the following Awarding Organisations (AO): Cskills Awards, SQA Awarding Body, Qualifications Wales, Pearson Education Ltd, Construction Industry Council (CIC) and Wrexham Glyndwr University. ConstructionSkills' policy is to work with all proposers of the apprenticeship framework to ensure that the qualifications included in the frameworks meet both employer and SASW requirements.

The guidelines produced by ConstructionSkills have identified that to gain support for their Apprenticeship Frameworks proposers must provide the following information: rationale, support from the sector employers, take-up figures and operational dates.

All of the proposers of the framework have completed the mandatory AO Qualification Support Application Section 3 (supplied by ConstructionSkills) which requires the proposer to provide a summary of their overall approach to employer engagement, names of employers, industry representatives or Associations/Federations that have been consulted in the development of the current framework.

All of this information is then considered by ConstructionSkills Apprenticeship Group to ascertain whether the qualifications are suitable for inclusion/revision before entry onto the AFO. The proposer will then be informed of the outcome and whether further information is required; if compliant the details will be included into the draft framework prior to uploading to the AFO

ConstructionSkills' Standards and Qualifications Apprenticeship Group, which consists of members of the CITB Standard Setting Body, also review any new Apprenticeship pathways, at all levels when required, to ensure that the proposal is beneficial to the construction industry and its employees.

Details of the AO Qualification Support Application and Section 3 can be requested at [standards.qualifications@citb.co.uk](mailto:standards.qualifications@citb.co.uk)

## Developer of this framework

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# Revising a framework

## Why this framework is being revised

| Level 4

| New qualification

## Summary of changes made to this framework

| Level 4

| New qualification

| Pearson BTEC Level 4 Higher National Certificate in Construction

## Qualifications removed

| N/A

## Qualifications added

| Pearson BTEC Level 4 Higher National Certificate in Construction

## Qualifications that have been extended

| N/A

# Purpose of this framework

## Summary of the purpose of the framework

### Summary of the purpose of the framework

CITB-ConstructionSkills Apprenticeship Definition as defined by the Construction Industry

#### Definition

An apprenticeship in construction is a form of vocational training whereby the apprentice follows a ConstructionSkills' approved framework to develop skills and knowledge and who would then demonstrate and evidence their application in a construction environment. In order to complete a Construction Apprenticeship the apprentice must have been employed during the apprenticeship, have evidenced competence in the specified range of vocational skills and have an employed status at the time of completion.

#### Stakeholders

The core participants involved in a Construction Apprenticeship are:

- Employer – the primary provider of learning in the workplace, and supports the apprentice through mentoring, learning and payment of wages
- Apprentice – contributes to the productivity of the employer and undertakes therequisite learning
- Training provider – provides off-site tuition and administrative support to both the employer and apprentice. (Training providers can include colleges, training centres, manufacturers, suppliers and some employers.)
- Government – provides a financial contribution to the training costs of the apprenticeship
- Managing agent – sets up and monitors the apprenticeship and obtains and distributes the government funding. The managing agent can also be the training provider or the employer. (Apprentices can choose not to have a managing agent.)

#### Higher Apprenticeship Frameworks Definition

"Higher Apprenticeships are national work-based programmes based on employer need that enable individuals in employment to develop the technical knowledge and competence to perform a defined job role. As such, a Higher Apprenticeship is not just a learning programme, but an approach to workforce development and enhancing business performance."

There are 110,740 employees in construction in Wales in year 2015, it is estimated to increase to 113,530 in 2017, and up to 127,840 in 2021. The following is the annual recruitment for Construction Technical, Supervision and Management for the period 2017 to 2021.

- Construction professionals and technical staff 980
- Construction Managers 180
- Surveyors 640
- Architects 190
- Supervisors 540

The priorities for the sector for 2017 to 2021 are to:

- improve productivity
- attract, retain and develop talent
- increase diversity
- improve supervisory, management and leadership skills
- collaborate with employers and stakeholders.
- Involvement of professional bodies in the promotion of Higher Apprenticeships

An Apprenticeship in construction follows a pattern of vocational training to meet the requirements of a ConstructionSkills' approved framework. This enables them to develop skills and knowledge which they can then demonstrate and evidence in a real construction environment.

The Higher Apprenticeship (Level 4,5,6) has been meeting the needs of employers since 2015. This apprenticeship has been developed to help meet the skills priorities of the industry and for Wales by:

- continuing to provide qualifications required by employers to help their business grow
- to provide a career pathway to supervisory and management levels
- meeting the requirements of the Specification of Apprenticeship Standards for Wales(SASW)
- by incorporating Essential Skills Wales at level 2 thereby improving the levels of basic literacy and numeracy skills in the workforce
- wider Key Skills
- providing qualifications for competence and knowledge, approved by employers to meet the skills mix they require
- providing progress pathways from Foundation (level 2), Apprenticeship (level 3) to Higher (level 4 and above)
- addressing skills gaps and shortages in priority sectors in Wales such as the under representation of women and ethnic minorities.

This framework includes the following occupations at Higher Apprenticeship (Level 4, 5, 6)

Higher (Level 4, 5, 6)

- Pathway 1: Construction Site Supervision (Level 4)
- Pathway 2: Construction Management (Sustainability) Level 5
- Pathway 3: Construction Site Management (level 6)

## Aims and objectives of this framework (Wales)

### Aims and objectives of this framework (Wales)

The aim of this framework is to attract, retain and develop talent into a range of occupations at higher Level 4, 5 and 6 in construction supervision and management in order to provide the industry with a well-trained productive workforce.

- Widening the pool of talent from which future Construction Site Managers are drawn
- Providing appropriate support and development to future Construction Site Managers through a comprehensive and integrated approach to learning and skills development
- Enabling progression opportunities from a variety of entry points including, University, FE college and the existing workforce
- Preparing future talent for membership of the appropriate professional body
- Enhancing the diversity of membership of the built environment professional bodies and increasing social mobility
- Improving construction site management skills and knowledge

# Entry conditions for this framework

## Entry Conditions

### **The Higher Level Apprenticeship in Construction Site Supervision (Construction) -Level 4 (HNC)**

Candidates need to be of employed status and working within a supervisory capacity within the industry to meet the requirement of this pathway.

The Higher Level Apprenticeship in Construction Site Supervision (Construction) – Level 4 (HNC) has been developed to meet the need of the following sectors, Building and Civil Engineering, Highways and Maintenance Repairs, Residential Development, Conservation, Demolition and Tunnelling, this broad range of occupational areas is designed to assess occupational competence in the workplace and demonstrate knowledge and understanding through the technical certificate for candidates with appropriate prior experience of work in the sectors identified. As a consequence the qualification is not suitable for younger (pre18+) learners. The introduction of the Higher Level 4 Apprenticeship will address the following:

- Provide progression from Occupational Work Supervision
- Provide progression onto Level 5 and above
- Allow entry onto degree programmes
- Assist retention and provide a pathway for experienced workers
- Improving supervisory, management and leadership skills

### **The Higher Level Apprenticeship in Construction Site Supervision (Construction) -Level 4 (CIOB Certificate)**

Candidates need to be of employed status and working within a supervisory capacity within the industry to meet the requirement of this pathway.

Higher (Level 4) Construction Site Supervision (CIOB Certificate) is specifically designed to meet the needs of candidates who have gained Level 3 qualification as listed in the entry and permitted entry requirements or those with appropriate prior experience of work in the sector, appropriate experience is deemed as: at least two years site experience. As a consequence the qualification is not suitable for younger (pre18+) learners.

All candidates must have a suitable level of physical fitness to perform aspects of the job (e.g. working out-doors in all seasonal weather conditions this could also be at height or below ground).

### **The Higher Level Apprenticeship in Construction Site Supervision (Construction -Level 4 HNC Wrexham Glyndwr University for HNC Building Studies and HNC Civil Engineering**

Higher apprenticeships are being driven by industry and employers in Wales Coleg Menai and Coleg Cambria are partners with Glyndwr University and both offer HNC's in Construction

through the University, therefore, this creates a demand for a higher apprenticeship framework which includes the Glyndwr HNC in Building Studies and a HNC in Civil Engineering.

Candidates need to be of employed status and working within a supervisory capacity within the industry to meet the requirement of this pathway.

As a consequence the qualification is not suitable for younger (pre18+) learners. The introduction of the HNC in Building Studies and Civil Engineering will provide the following:

- Provide progression from Occupational Work Supervision
- Provide progression onto Level 5 and above
- Allow entry onto degree programmes
- Assist retention and provide a pathway for experienced workers
- Improving supervisory, management and leadership skills

The HNCs in this pathway are delivered on a day release basis over two years.

### **The Higher Level Apprenticeship in Construction Site Supervision (Construction -Level 4 Bangor University Certificate in Higher Education Construction and Civil Engineering**

Programme Delivery

Teaching and Learning

Minimum time on programme is 20 months

Delivery is through a blend of the following:

Lectures are a very effective way of delivering core material and establishing a framework for a module against which other material can be set. Students will be made aware of the content of each module and issued with a list of the topics to be covered as well as sources of additional material (required and recommended reading) via the student homepage.

The student home page via the College MOODLE facility allows students to access their modules, with their learning resources and assessments. This allows the students to preview what will be covered and also revisit items post lectures.

Workshops and practical work are utilised to complement lectures enabling learners to participate in activities that reinforce theory and develop understanding and skills.

The surveying module is done as a one-week practical in the last week in October. Using the campus as topography to be surveyed, students do typical industry exercises and tasks with hired electronic equipment.

During the year two weeks are set aside for trips and excursions to see and do things that cannot be easily simulated in the class. In October and February days are put aside for visits to local companies and localities to see industry in action and get up to date knowledge and expert discussion from the facilitators.

Tutorials are meetings with a student or group of students facilitated by a lecturer or lecturers and are used in three ways within the award:

- To expand upon and consolidate material covered in lectures through an enquiry-driven problem solving approach.
- As an opportunity to discuss and develop subject material.

- To undertake remedial work to overcome any deficiencies in a student's background knowledge.

Employment based Learning - Within the Certificate for Higher Education programme two modules comprise the vocational practice element centred upon the work place. Learners carry out a number of employment related tasks and log the time undertaken. This is supported monitored and assessed by the work-based Lecturer assigned with support from the other tutors and local employers.

The two modules are: Employer Based Learning (10 Credits) Year 1  
Computer Aided Design Using BIM (15 Credits) Year 1

The employment-based learning requires students to reflect upon their employment practices and make links between theoretical based modules and the work environment. The students produce portfolios of evidence based on legal and contractual procedures, health and safety and Information and communication technologies development.

Student centred learning is the generic term used to differentiate between student contact with tutors using the methods listed above and the student's own effort outside the normal structured teaching environment. It includes student's own primary research and information gathering. The time expected to complete this work and complete assignments, projects or presentations is shown in each module descriptor under the heading "Teaching and Learning Strategy". It is expected that this time allocation to a module indicates to the student the effort required on their behalf. This time given is not restrictive and more able students will often expend more time than this in the completion of their own learning.

### **The Higher Apprenticeship in Construction Management (Sustainability) - Level 5**

Candidates need to be of employed status and working within a management capacity within the industry to meet the requirement of this pathway.

The Higher Apprenticeship in Construction Management (Sustainability) - Level 5 has been developed to allow Technicians from around the country who are employees of some of the top built environment organisations to be able to demonstrate their skills and knowledge in the workplace through the NVQ Level 5 whilst at the same time extending their learning at college or university through the HND Diploma Construction and the Built Environment. The introduction of the Higher Level Apprenticeship will address the following:

- Encouraging recruitment from a more diverse pool of talent
- Assisting retention by providing employers and employees with appropriate support and progression
- Promoting lifelong learning as an aid to achieving qualifications, career progression and CPD
- Improving supervisory, management and leadership skills
- Increasing employer investment in training and development to improve productivity

All candidates must have a suitable level of physical fitness to perform aspects of the job (e.g. working out-doors in all seasonal weather conditions this could also be at height or below

ground).

### **The Higher Apprenticeship in Construction Management (Sustainability) -University of Wales Trinity Saint David (UWTSD) Higher National Diploma in Construction Management at Level 5**

This programme is specifically designed to meet the needs of candidates who have gained a Level 3 qualification (see list below). The programme may also be suitable for those with appropriate prior construction work experience of at least two years at technical or supervisory/managerial level:

- Certificate of Higher Education in Construction
- CIOB Level 3 Diploma in in Construction Site Supervisory Studies
- CIOB Level 4 Certificate or Diploma in Construction Site Management
- CIOB Higher Apprenticeship (Level 4) in Construction Site Supervision
- A Level 3 construction related technical apprenticeship
- A construction trades Level 3 Diploma and/or NVQ
- A minimum of two A levels, gaining a pass in at least one A2 subject at grade C or higher. Minimum grades accepted D.

Welsh and English language requirements:

- Welsh or English as first the language (normally an equivalent GCSE grade) or
- Any degrees, diplomas or certificates eligible above that has been taught and assessed in Welsh/English or
- For entry onto level 5: English fluency to IELTS score of 5.5 or higher (with no element less than 5.0)

Candidates need to be of employed status and working within a technical, supervisory or managerial capacity within the industry to meet the requirement of this pathway.

Entry into the Framework at Level 5 using one of the above qualifications will require employer's endorsement at point of entry ensuring that they will be working within a technical, supervisory or managerial capacity to meet the criteria of the framework components.

All candidates must have a suitable level of physical fitness to perform aspects of the job (e.g. working out-doors in all seasonal weather conditions this could also be at height or below ground). As a consequence the qualification is not suitable for younger (pre18+) learners.

### **The Higher Apprenticeship in Construction Management (Sustainability) -University of Wales Trinity Saint David (UWTSD) Higher National Diploma in Quantity Surveying at Level 5**

This programme is specifically designed to meet the needs of candidates who have gained a Level 3 qualification (see list below). The programme may also be suitable for those with appropriate prior construction work experience of at least two years at technical or supervisory/managerial level:

- Certificate of Higher Education in Construction

- CIOB Level 3 Diploma in Construction Site Supervisory Studies
- A Level 3 construction related technical apprenticeship
- A construction trades Level 3 Diploma and/or NVQ
- A minimum of two A levels, gaining a pass in at least one A2 subject at grade C or higher. Minimum grades accepted D.

#### Welsh and English language requirements:

- Welsh or English as first the language (normally an equivalent GCSE grade) or
- Any degrees, diplomas or certificates eligible above that has been taught and assessed in Welsh/English or
- For entry onto level 5: English fluency to IELTS score of 5.5 or higher (with no element less than 5.0)

Candidates need to be of employed status and working within a trainee technical, supervisory or managerial capacity within the industry to meet the requirement of this pathway.

Entry into the Framework at Level 5 using one of the above qualifications will require employer's endorsement at point of entry ensuring that they will be working within a technical, supervisory or managerial capacity to meet the criteria of the framework components.

All candidates must have a suitable level of physical fitness to perform aspects of the job (e.g. working out-doors in all seasonal weather conditions this could also be at height or below ground). As a consequence the qualification is not suitable for younger (pre18+) learners.

#### **The Higher Apprenticeship in Construction Management - Level 6**

Candidates need to be of employed status and working within a management capacity within the industry to meet the requirement of this pathway.

The Higher Apprenticeship in Construction Management - Level 6 has been specifically designed to provide the opportunity for progression from level 5 such as the Higher Apprenticeship in Construction Operations Management as well as other relevant level 5 qualifications to work-based Honours degree with built in professional recognition. The programmes are also deigned to provide the specialist pathway routes in Construction Site Management.

All candidates must have a suitable level of physical fitness to perform aspects of the job (e.g. working out-doors in all seasonal weather conditions this could also be at height or below ground).

#### **RULES TO AVOID REPEATING QUALIFICATIONS**

Processes exist to make sure that applicants with prior knowledge, qualifications and experience are not disadvantaged by having to repeat learning. Training providers and awarding organisations will be able to advise on the current rules for accrediting prior learning and recognising prior experience. Refer to the on and off the job training section for guidance

about prior attainment and achievement. In the meantime, this is a short summary: The framework will specify that an apprentice should achieve or have achieved one of the recognised ‘proxy’ qualifications at the appropriate level within the framework as an alternative to Essential Skills Wales.

Higher Apprenticeships (Level 4, 5, 6): Where Essential Skills qualifications are specified in an apprenticeship framework (Level 4, 5, 6), the apprenticeship framework must specify as a Welsh certificate requirement, the acceptance of one of the following recognised proxy qualifications.

**Communication:**

- GCSE or iGCSE qualification in English language or literature to at least grade C (Level 2 equivalent); or
- Level Qualification in English language or literature to at least grade C; or
- A/AS Level qualification in English or literature to at least grade E; or
- SCQF Level 5 – Communication Core Skills (Oral communication and written communication); or
- SQA National 5 English; or
- Functional Skills or Key Skills literacy qualifications in English provided the proxy qualification(s) attained is at Level 2 or above.

**Application of Number:**

- GCSE or iGCSE qualification in Mathematics to at least grade C (Level 2 equivalent); or
- Level Qualification in Mathematics to at least grade C; or
- A/AS Level qualification in Mathematics to at least grade E; or
- SCQF Level 5 – Numeracy Core Skill (Graphical information and using number); or
- SQA National 5 Mathematics; or
- Functional Skills or Key Skills numeracy qualifications in Mathematics provided the proxy qualification(s) attained are at Level 2 or above.

**Knowledge qualifications.**

If applicants already have one of the Level 4 or above Knowledge qualifications before they started their Apprenticeship, (see knowledge qualifications page in this framework) they can count this and do not have to redo the qualification, providing that they have achieved this qualification within 3 years of applying for the apprenticeship certificate. The hours they spent gaining this qualification will also count towards the minimum hours required for this framework.

**Competence qualifications:**

If applicants already have the competence qualification from the Higher Apprenticeship (Level 4 and above) for this apprenticeship framework (see the ‘Qualifications’ page for each pathway) they cannot use the competence qualification as a component part of this apprenticeship; competence qualifications must be achieved as part of the apprenticeship.

- Prior experience. Applicants already working in the sector will be able to have their prior

experience recognised by the Awarding Organisation and this will count towards the competence and the knowledge qualifications in this framework.

### **Initial Assessment**

Training providers and employers will use initial assessment to ensure that applicants have a fair opportunity to demonstrate their ability and to tailor programmes to meet individual needs, recognising prior qualifications and experience.

Apprentices following this framework can expect to be continually assessed to gauge their suitability for progression to a Higher Apprenticeship (Level 4 or above). In some occupational areas apprentices would be expected to work at height and outside in all weather conditions. They could also be expected to travel to sites, or in some cases, stay in lodgings whilst working away from home.

# Level 4

Title for this framework at level 4

## Construction Site Supervision

Pathways for the framework at level 4:

Pathway 1: Level 4 Construction Site Supervision

# Level 4, Pathway 1: Level 4 Construction Site Supervision

## Description of this pathway

Higher Apprenticeship Level 4 Pathway 1. Construction Site Supervision

Description of this pathway

Higher Apprenticeship Level 4: Construction Site Supervision using BTEC HNC

Total minimum credit value for this pathway is: 162 credits

85 credits for competence

65 credits for knowledge

12 credits for Essential Skills

Higher Apprenticeship Level 4: Construction Site Supervision using CIOB Certificate

Total minimum credit value for this pathway is: 129 credits

85 credits for competence

32 credits for knowledge

12 credits for Essential Skills

Higher Apprenticeship Level 4: Construction Site Supervision using Wrexham Glyndwr University HNC Building Studies or HNC Civil Engineering

Total minimum credit value for this pathway is: 247 credits

85 credits for competence

150 credits for knowledge

12 credits for Essential Skills

Higher Apprenticeship Level 4: Construction Site Supervision using Bangor University  
Certificate of Higher Education in Construction and Civil Engineering

Total minimum credit value for this pathway is 217 credits

85 credits for competence

120 credits for knowledge

12 credits for Essential Skills

Higher Apprenticeship Level 4: Construction Site Supervision using BTEC HNC Construction

Total minimum credit value for this pathway is 217 credits

85 credits for competence

120 credits for knowledge

12 credits for Essential Skills

### **Entry requirements for this pathway in addition to the framework entry requirements**

Entry requirements for this pathway in addition to the framework entry requirements

Higher (Level 4) Construction Site Supervision is specifically designed to meet the needs of candidates who have gained Level 3 qualification as identified in the entry and permitted entry requirements for each pathway or those with appropriate prior experience of work in the sectors identified as at least two years site experience. As a consequence the qualification is not suitable for younger (pre18+) learners. Candidates need to be of employed status and working within a supervisory capacity within the industry to meet the requirement of this pathway.

All candidates must have a suitable level of physical fitness to perform aspects of the job (e.g. working out-doors in all seasonal weather conditions this could also be at height or below ground).

Job title(s)	Job role(s)
Site Manager	Working on built environment projects assisting the Site Manager to, manage staff and budgets, ensuring contract is delivered on time and to programme, responsible for hiring staff, deliveries and quality management and costs.
Project Manager	Working on built environment projects assisting the Project Manager to operate the site in a safe and secure manner, providing management information for reports, assists in client liaison meetings and sub-contractor meetings.
Site Engineer	Working on built environment projects assisting the Site Engineer to survey and level sites, checking of drawings and quantities to ensure accuracy, organizes site facilities, monitors work of sub-contractors and attends site meetings.

# Qualifications

## Competence qualifications available to this pathway

### C1 – Level 4 NVQ Diploma in Construction Site Supervision

No.	Ref no.	Awarding organisation	Credit value	Guided learning hours	UCAS points value
C1a	601/4232/7	Pearson Edexcel	85	390	X
C1b	601/1899/4	City & Guilds	87	390	
C1c	601/2009/5	NOCN/Cskills Awards	123	390	
C1d	601/4254/6	SQA	87	390	

## Knowledge qualifications available to this pathway

### K1 – BTEC HNC Diploma in Construction and the Built Environment

No.	Ref no.	Awarding organisation	Credit value	Guided learning hours	UCAS points value
K1a	500/8276/0	Pearson Education Ltd	65	500	X

### K2 – CIOB Level 4 Certificate in Site Management

No.	Ref no.	Awarding organisation	Credit value	Guided learning hours	UCAS points value
K2a	600/0529/4	CIOB	32	120	X

### K3 – HNC Building Studies

No.	Ref no.	Awarding organisation	Credit value	Guided learning hours	UCAS points value
K3a	AG354 B	Wrexham Glyndwr University	150	2250	X

#### K4 – HNC Civil Engineering

No.	Ref no.	Awarding organisation	Credit value	Guided learning hours	UCAS points value
K4a	AG353 B	Wrexham Glyndwr University	150	2250	X

#### K5 – Pearson BTEC Level 4 Higher National Certificate in Construction and the Built Environment

No.	Ref no.	Awarding organisation	Credit value	Guided learning hours	UCAS points value
K5a	603/0465/0	Pearson Education Ltd	120	1200	X

#### K6 – Bangor University Certificate of Higher Education Construction and Civil Engineering

No.	Ref no.	Awarding organisation	Credit value	Guided learning hours	UCAS points value
K6a	BULM001	Bangor University	120	1200	X
K6b	BULM002	Bangor University	120	120	

#### K7 – BTEC Level 4 Higher National Certificate in Construction

No.	Ref no.	Awarding organisation	Credit value	Guided learning hours	UCAS points value
K7a	603/3416/0	Pearsons	120	480	X

### Combined qualifications available to this pathway

N/A

### Relationship between competence and knowledge qualifications

C1 Level 4 NVQ Diploma in Construction Site Supervision credit 85-87 GLH 390 is underpinned

by:

BTEC HNC Diploma in Construction and the Built Environment credit 65 GLH 500

The BTEC Level 4 HNC Diploma in Construction and the Built Environment provides underpinning knowledge for the following pathways:

- Construction Site Supervision – Building and Civil Engineering
- Construction Site Supervision – Highways and maintenance Repairs
- Construction Site Supervision – Residential Development
- Construction Site Supervision – Conservation
- Construction Site Supervision – Demolition
- Construction Site Supervision - Tunnelling

or

The CIOB Certificate in Site Management credit 32 GLH 120

or

Wrexham Glyndwr HNC Building Studies

Wrexham Glyndwr HNC Civil Engineering

or

Pearson BTEC Level 4 Higher National Certificate in Construction and The Built Environment provides underpinning knowledge for the following pathways:

General pathways are included within brackets in the qualification title:

Pearson BTEC Level 4 Higher National Certificate in Construction and The Built Environment (Construction)

Pearson BTEC Level 4 Higher National Certificate in Construction and The Built Environment (Civil Engineering)

Pearson BTEC Level 4 Higher National Certificate in Construction and The Built Environment (Building Services Engineering)

Pearson BTEC Level 4 Higher National Certificate in Construction and The Built Environment (Surveying)

or

Bangor University Certificate in Higher Education Construction

Bangor University Certificate in Higher Education Civil Engineering |

# Essential Skills

An apprenticeship framework must specify as a Welsh certificate requirement the expected achievement levels of Essential Skills in Communication and the Application of Number.

Where Essential Skills qualifications are specified in an apprenticeship framework, the apprenticeship framework must specify the acceptance of a recognised proxy qualification for Communication and Application of Number.

## Communication

For the current list of acceptable proxy qualifications and appropriate **minimum** grade/level requirements, please refer to the most recent version of [SASW](#) on the [gov.wales](#) website. Additional guidance materials can be found on the [Knowledge Base](#) section of the [ACW](#) website.

**Does this framework require Communication achievement above the minimum SASW requirement?**    **YES**     **NO**

If YES, please state the grade/level required for English and give a brief **REASON** as to why this is required:

Enter alternative grade/level requirements and reasons here.

## Application of Number

For the current list of acceptable proxy qualifications and appropriate **minimum** grade/level requirements, please refer to the most recent version of [SASW](#) on the [gov.wales](#) website. Additional guidance materials can be found on the [Knowledge Base](#) section of the [ACW](#) website.

**Does this framework require Application of Number achievement above the minimum SASW requirement?**    **YES**     **NO**

If YES, please state the grade/level required for Maths and give a brief **REASON** as to why this is required:

[Enter alternative grade/level requirements and reasons here.]

## Inclusion of Digital Literacy (ICT)

Digital Literacy (ICT) is an **optional** framework requirement.

Is Digital Literacy a requirement in this framework?    **YES**       **NO**  

# Progression routes into and from this pathway

## Progression into this pathway

This will be from a variety of routes, including:

The Higher Apprenticeship - Level 4 is specifically designed to meet the needs of candidates who have gained Level 3 qualifications including Apprenticeship (Level 3) or those with appropriate prior experience of work in the sector. Appropriate prior experience is deemed as: at least two years site experience. As a consequence the qualification is not suitable for younger (pre18+) learners. Candidates need to be of employed status and working within a supervisory capacity within the industry to meet the requirement of this pathway. The following lists the requirement:

Accepted entry requirements:

- Apprenticeship (Level 3) in Construction Building, Construction Civil Engineering or Construction Specialist
- Apprenticeship (Level 3) NVQ in Occupational Work Supervision
- NVQ in Occupational Work Supervision

The above accepted entry requirements require candidates to be on programme for a minimum of 12 months before a completion certificate can be claimed

At the end of the apprenticeship the employer will be required to sign off the apprenticeship

agreeing the following before a completion certificate will be issued.

That the following components of the framework have been met:

Transferable Skills

Knowledge qualification

Competence qualification

This agreement is to be uploaded onto ACW additional evidence requirements when claiming the completion certificate

**Entry Requirements for Higher Level Apprenticeship in Construction Site Supervision (Construction) - Level 4 (CIOB Certificate) must meet the following:**

A Levels and GCSE

Direct Entry into the Framework at Level 4 with only A Levels and GCSE will require employer's endorsement at point of entry ensuring that they will be working within a supervisory capacity to meet the criteria of the framework components. The minimum time on programme is 18 months before an apprenticeship completion certificate can be claimed.

Entry into the framework using the following qualifications is permitted:

City and Guilds Level 3 6720 Advanced Technical Diploma in Constructing the Built Environment (1080); City and Guilds Level 3 6720 Advanced Technical Extended Diploma in Constructing the Built Environment (720); Pearson BTEC Level 3 Extended Diploma in Construction and the Built Environment; Pearson BTEC Level 3 National Diploma in Construction and the Built Environment; Pearson BTEC Level 3 National Extended Diploma in Construction and the Built Environment

The following requirements must be met:

Entry into the Framework at Level 4 using one of the above qualifications will require employer's endorsement at point of entry ensuring that they will be working within a supervisory capacity to meet the criteria of the framework components. Proof of completion from one of the above qualifications must be loaded onto ACW when claiming completion certificates. The minimum time on programme is 12 months before an apprenticeship completion certificate can be claimed using a permitted entry qualification.

Entry into the framework using the following qualifications is permitted:

City and Guilds Level 3 6720 Advanced Technical Diploma in Constructing the Built Environment (540); Pearson BTEC Level 3 90 Credit Diploma in Construction and the Built Environment; Pearson BTEC Level 3 National Foundation Diploma in Construction and the Built Environment

The following requirements must be met:

Entry into the Framework at Level 4 using one of the above qualifications will require employer's endorsement at point of entry ensuring that they will be working within a supervisory capacity to meet the criteria of the framework components. Proof of completion from one of the above qualifications must be loaded onto ACW when claiming completion certificates. The minimum time on programme is 12 months before an apprenticeship completion certificate can be claimed using a permitted entry qualification.

Entry into the framework using the following qualifications is permitted:

City and Guilds Level 3 6720 Advanced Technical Certificate in Constructing the Built Environment (360); Pearson BTEC Level 3 Subsidiary Diploma in Construction and the Built Environment; Pearson BTEC Level 3 National Extended Certificate in Construction and the Built Environment

The following requirements must be met

Entry into the Framework at Level 4 using one of the above qualifications will require employer's endorsement at point of entry ensuring that they will be working within a supervisory capacity to meet the criteria of the framework components. Proof of completion of one of the above qualifications must be loaded onto ACW when claiming completion certificates. The minimum time on programme is 18 months before an apprenticeship completion certificate can be claimed using a permitted entry qualification

At the end of the apprenticeship the employer will be required to sign off the apprenticeship agreeing the following before a completion certificate will be issued.

That the following components of the framework have been met:

Transferable Skills

Knowledge qualification

Competence qualification

This agreement is to be uploaded onto ACW additional evidence requirements when claiming the completion certificate

## **Bangor University Certificate of Higher Education Construction and Civil Engineering**

Criteria for Admission

Academic requirements:

Certificate of Higher Education in Construction

UCAS Tariff minimum of 56 points which will include options from below:

- A minimum of two A levels, gaining a pass in at least one relevant A2 subject at grade C or higher. Minimum grades accepted D. Examples of A Levels appropriate for the course entry are the following: Maths, Physics, Chemistry, Biology, Design Technology, Economics, Business.
- Or a BTEC Extended Diploma or equivalent with grade MPP or higher.

- Or a BTEC Diploma or above, or equivalent with grade MM or higher.
- Or a BTEC Subsidiary Diploma or above, or equivalent with grade M or higher.

#### Welsh and English language requirements:

- Welsh or English as first language with equivalent GCSE grade C, or
- Any degrees, diplomas or certificates eligible above should have been taught and assessed in Welsh/English, or
- For entry onto level 4: English fluency to IELTS score of 5.5 or higher (with no element less than 5.0)

At the end of the apprenticeship the employer will be required to sign off the apprenticeship agreeing the following before a completion certificate will be issued.

That the following components of the framework have been met:

Transferable Skills

Knowledge qualification

Competence qualification

This agreement is to be uploaded onto ACW additional evidence requirements when claiming the completion certificate

#### **Progression from this pathway**

There will be a wide range of opportunities that apprentices can be involved with in a structured career path, such as building, civil engineering and specialist occupations. After gaining work experience in the chosen occupational area this apprenticeship will enable progression to:

- NVQ Level 5 in Construction Site Management or
- NVQ Level 6 Diploma in Construction Contracting Operations
- NVQ Level 6 Diploma in Construction Site Management

#### **UCAS points for this pathway:**

n/a

# Employee rights and responsibilities

Please note that for Apprenticeship starts from 14/10/2016 onwards ERR is no longer a **mandatory** requirement in all frameworks.

However, it may still be included in some frameworks and where it is not explicitly stated that ERR is not a requirement then confirmation of an Apprentice’s ERR achievement will still remain a requirement for Apprenticeship certification purposes.

Is ERR a requirement for this framework? **YES**  **NO**

### Delivery and assessment

[Framework Developer to complete with relevant info ]

|

# Level 5

Title for this framework at level 5

## Construction Management (Sustainability)

Pathways for the framework at level 5:

Pathway 1: Construction Management (Sustainability)

# Level 5, Pathway 1: Construction Management (Sustainability)

## Description of this pathway

Description of this pathway

Higher Apprenticeship in Construction Management (Sustainability) – Level 5

Total minimum credit value for this pathway is: 304 credits, Equating to 3,040 learning hours

64 credits for a competence qualification

240 credits for a knowledge qualification

Description of this pathway

Higher Apprenticeship in Construction Management – UWTSD HND in Construction Management - Level 5

Total minimum credit value for this pathway is: 304 credits, Equating to 3,040 learning hours

64 credits for a competence qualification

240 credits for a knowledge qualification

Description of this pathway

Higher Apprenticeship in Construction Management – UWTSD HND in Quantity Surveying – Level 5

Total minimum credit value for this pathway is: 304 credits, Equating to 3,040 learning hours

64 credits for a competence qualification 240 credits for a knowledge qualification

## Entry requirements for this pathway in addition to the framework entry requirements

Entry Conditions

Candidates need to be of employed status and working within a management capacity within the industry to meet the requirement of this pathway.

All candidates must have a suitable level of physical fitness to perform aspects of the job (e.g. working out-doors in all seasonal weather conditions this could also be at height or below ground).

Job title(s)	Job role(s)
Building and Surveying Technician	Working on built environment projects using modern methods of design, developing and finalising built environment solutions and implementing health and safety for built environment personnel.
Building Services Engineering Technician	Working on built environment projects carrying out building services engineering tasks, developing and finalising building services engineering solutions and establishing and implementing health and safety for building services engineering personnel.
Civil Engineering Technician	Working on built environment projects carrying out civil engineering tasks, developing and finalising civil engineering solutions and establishing and implementing health and safety for civil engineering personnel.

# Qualifications

## Competence qualifications available to this pathway

### C1 – Edexcel Level 5 NVQ Diploma in Construction Management (Sustainability) (QCF)

No.	Ref no.	Awarding organisation	Credit value	Guided learning hours	UCAS points value
C1a	600/5985/0	Pearson Education Ltd	64	640	X

## Knowledge qualifications available to this pathway

### K1 – BTEC Level 5 HND Diploma in Construction and the Built Environment (QCF)

No.	Ref no.	Awarding organisation	Credit value	Guided learning hours	UCAS points value
K1a	500/8274/7	Pearson Education Ltd	240	2400	X

### K2 – Pearson BTEC Level 5 Higher National Diploma In Construction and the Built Environment

No.	Ref no.	Awarding organisation	Credit value	Guided learning hours	UCAS points value
K2a	603/0464/9	Pearson Education Ltd	120	1200	X

### K3 – UWTSD Higher National Diploma in Construction Management

No.	Ref no.	Awarding organisation	Credit value	Guided learning hours	UCAS points value
K3a	HA5CM	UWTSD	240	2400	

## K4 – UWTSD Higher National Diploma in Quantity Surveying

No.	Ref no.	Awarding organisation	Credit value	Guided learning hours	UCAS points value
K4a	HA5QS	UWTSD	240	2400	X

### Combined qualifications available to this pathway

N/A

### Relationship between competence and knowledge qualifications

Edexcel Level 5 NVQ Diploma in Construction Management (Sustainability) Credit 64 is underpinned by:

- BTEC Level 5 HND Diploma in Construction and the Built Environment Credit 240
- BTEC Level 5 HND Diploma in Construction and the Built Environment Credit 120
- UWTSD Level 5 HND in Construction Management Credit 240
- UWTSD Level 5 HND in Quantity Surveying Credit 240

# Essential Skills

An apprenticeship framework must specify as a Welsh certificate requirement the expected achievement levels of Essential Skills in Communication and the Application of Number.

Where Essential Skills qualifications are specified in an apprenticeship framework, the apprenticeship framework must specify the acceptance of a recognised proxy qualification for Communication and Application of Number.

## Communication

For the current list of acceptable proxy qualifications and appropriate **minimum** grade/level requirements, please refer to the most recent version of [SASW](#) on the [gov.wales](#) website. Additional guidance materials can be found on the [Knowledge Base](#) section of the [ACW](#) website.

**Does this framework require Communication achievement above the minimum SASW requirement?**    **YES**     **NO**

If YES, please state the grade/level required for English and give a brief **REASON** as to why this is required:

Enter alternative grade/level requirements and reasons here.

## Application of Number

For the current list of acceptable proxy qualifications and appropriate **minimum** grade/level requirements, please refer to the most recent version of [SASW](#) on the [gov.wales](#) website. Additional guidance materials can be found on the [Knowledge Base](#) section of the [ACW](#) website.

**Does this framework require Application of Number achievement above the minimum SASW requirement?**    **YES**     **NO**

If YES, please state the grade/level required for Maths and give a brief **REASON** as to why this is required:

Enter alternative grade/level requirements and reasons here.

### Inclusion of Digital Literacy (ICT)

Digital Literacy (ICT) is an **optional** framework requirement.

Is Digital Literacy a requirement in this framework? **YES**  **NO**

# Progression routes into and from this pathway

## Progression Routes into and from this pathway

This will be from a variety of routes, including:

The Higher Apprenticeship - Level 5 is specifically designed to meet the needs of candidates who have gained Level 4 qualifications including Apprenticeship (Level 4) or those with appropriate prior experience of work in the sector. As a consequence the qualification is not suitable for younger (pre18+) learners. Candidates need to be of employed status and working within a management capacity within the industry to meet the requirement of this pathway.

The following lists the requirement:

- • A Levels and GCSE
- Apprenticeship (Level 3) in Construction Building, Construction Civil Engineering or Construction Specialist
- BTEC National Extended Diploma, Diploma or Subsidiary Diploma in Construction and the Built Environment or other related sectors
- Apprenticeship (Level4) in Site Supervision
- NVQ Level 4 Site Supervision
- Certificate of Higher Education in Construction
- CIOB Level 3 Diploma in in Construction Site Supervisory Studies
- CIOB Level 4 Certificate or Diploma in Construction Site Management
- CIOB Higher Apprenticeship (Level 4) in Construction Site Supervision
- A Level 3 construction related technical apprenticeship
- A construction trades Level 3 Diploma and/or NVQ
- A minimum of two A levels, gaining a pass in at least one A2 subject at grade C or higher. Minimum grades accepted D.

## Progression from this pathway

There will be a wide range of opportunities that apprentices can be involved with in a structured career path, such as building, civil engineering and specialist occupations. After gaining work experience in the chosen occupational area this apprenticeship will enable progression to:

- NVQ Level 6 Diploma in Construction Contracting Operations
- NVQ Level 6 Diploma in Construction Site Management

... Higher Apprenticeship in Construction Management Level 4, 5 and 6 (Wales)  
..... level 5  
..... Pathway 1

**UCAS points for this pathway:**

**n/a**

# Employee rights and responsibilities

Please note that for Apprenticeship starts from 14/10/2016 onwards ERR is no longer a **mandatory** requirement in all frameworks.

However, it may still be included in some frameworks and where it is not explicitly stated that ERR is not a requirement then confirmation of an Apprentice's ERR achievement will still remain a requirement for Apprenticeship certification purposes.

Is ERR a requirement for this framework? **YES**  **NO**

## Delivery and assessment

Framework Developer to complete with relevant info

# Level 6

Title for this framework at level 6

## Construction Site Management

Pathways for the framework at level 6:

Pathway 1: Construction Site Management

# Level 6, Pathway 1: Construction Site Management

## Description of this pathway

Description of this pathway  
Construction Site Management

Total minimum credit value for this pathway is: 247 credits

115 credits for competence

120 credits for knowledge

12 credits for Essential Skills

## Entry requirements for this pathway in addition to the framework entry requirements

Candidates need to be of employed status and working within a management capacity within the industry to meet the requirement of this pathway.

Job title(s)	Job role(s)
Site Management	Working on a construction site, managing the development and maintaining good occupational working relations, allocation of work and performance. Health and Safety in the workplace, monitoring projects activities and controlling progress.

# Qualifications

## Competence qualifications available to this pathway

### C1 – Level 6 NVQ Diploma in Construction Site Management

No.	Ref no.	Awarding organisation	Credit value	Guided learning hours	UCAS points value
C1a	600/3992/9	Pearson Education	115	447	X
C1b	600/3652/7	Cskills Awards	115	4471	

## Knowledge qualifications available to this pathway

### K1 – Pearson BTEC Level 5 Higher National Diploma In Construction and the Built Environment

No.	Ref no.	Awarding organisation	Credit value	Guided learning hours	UCAS points value
K1a	603/0464/9	Pearson Education Ltd	120	1200	X

## Combined qualifications available to this pathway

N/A

## Relationship between competence and knowledge qualifications

Level 6 NVQ Diploma in Construction Site Management credit 115 GLH 447 is underpinned by:  
BTEC Level 5 HND Diploma in Construction and the Built Environment Credit 120

# Essential Skills

An apprenticeship framework must specify as a Welsh certificate requirement the expected achievement levels of Essential Skills in Communication and the Application of Number.

Where Essential Skills qualifications are specified in an apprenticeship framework, the apprenticeship framework must specify the acceptance of a recognised proxy qualification for Communication and Application of Number.

## Communication

For the current list of acceptable proxy qualifications and appropriate **minimum** grade/level requirements, please refer to the most recent version of [SASW](#) on the [gov.wales](#) website. Additional guidance materials can be found on the [Knowledge Base](#) section of the [ACW](#) website.

**Does this framework require Communication achievement above the minimum SASW requirement?**    **YES**     **NO**

If YES, please state the grade/level required for English and give a brief **REASON** as to why this is required:

Enter alternative grade/level requirements and reasons here.

## Application of Number

For the current list of acceptable proxy qualifications and appropriate **minimum** grade/level requirements, please refer to the most recent version of [SASW](#) on the [gov.wales](#) website. Additional guidance materials can be found on the [Knowledge Base](#) section of the [ACW](#) website.

**Does this framework require Application of Number achievement above the minimum SASW requirement?**    **YES**     **NO**

If YES, please state the grade/level required for Maths and give a brief **REASON** as to why this is required:

Enter alternative grade/level requirements and reasons here.

### Inclusion of Digital Literacy (ICT)

Digital Literacy (ICT) is an **optional** framework requirement.

Is Digital Literacy a requirement in this framework? **YES**  **NO**

## Progression routes into and from this pathway

Candidates need to be of employed status and working within a management capacity within the industry to meet the requirement of this pathway. This will be from a variety of routes including:

Apprenticeship (Level 4) in Construction Management or Site Supervision

Apprenticeship (Level 5) in Construction Management

Progression from this pathway

There are opportunities to undertake a degree in Construction Management or Civil Engineering which would lead to Project Manager, Contracts Manager and ultimately Construction Director.

### UCAS points for this pathway:

n/a

# Employee rights and responsibilities

Please note that for Apprenticeship starts from 14/10/2016 onwards ERR is no longer a **mandatory** requirement in all frameworks.

However, it may still be included in some frameworks and where it is not explicitly stated that ERR is not a requirement then confirmation of an Apprentice's ERR achievement will still remain a requirement for Apprenticeship certification purposes.

Is ERR a requirement for this framework?   **YES**      **NO**  

## Delivery and assessment

Framework Developer to complete with relevant info

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*The remaining sections apply to all levels and pathways within this framework.*

# How equality and diversity will be met

How equality and diversity will be met

## **CITB: responsibility as an industry leader**

We live in a diverse society that is multi-cultural and multi-lingual, where everyone is different and has something different to bring to society and the workplace. Construction is an industry which requires a variety of different skills and abilities and it is important that people from different backgrounds, life experiences and abilities are employed within the sector to enable us to achieve the high skill levels needed to be world leaders in the industry. CITB is working to attract and support the best qualified people to work in the sector.

As a partner organisation of the Sector Skills Council for the construction industry and an Industry Training Board we encourage construction companies to employ the best qualified person for the job regardless of age, disability, gender-reassignment, marriage or civil partnership, pregnancy and maternity, race, religion and belief, sex (gender), sexual orientation or socio-economic background. We will also challenge out-of-date practices and promote equality and the business case for diversity to construction companies by working with our partners and government.

In Wales, CITB will meet the requirements of the Welsh Language Act and provide services explained in the CITB Welsh Language Scheme.

## **Good Practice for Learning Providers**

Equality and diversity includes social and educational inclusion and tackles equality of opportunity. This goes further than providing 'equal access' to participation. In practice this means all learning providers should:

- Actively promote equality and diversity, tackle bullying and discrimination and narrow any gaps in achievement between different groups of learners
- Actively promote British values
- Make sure that safeguarding arrangements to protect young people and learners, meet all statutory and other government requirements, promote their welfare and prevent radicalisation and extremism.

To meet the demands set by Government and inspection bodies CITB expects that its providers consider the following questions about their ethos and provision for equality and diversity:

- Do we establish a provider ethos that is inclusive?
- Do we take into account and value the diversity of learners' backgrounds, and act appropriately on this information?

- Do we offer equal access to the programmes and challenge stereotypes in learners' attitudes, choices, expectations and achievements?
- Do we develop tolerant attitudes and ensure that all learners and staff are free from harassment?
- Do we promote the prevention and elimination of oppressive behaviour, including bullying, sexism, racism, ageism and homophobia?
- Are our policies and procedures effective in dealing with specific instances of discrimination or oppressive behaviour?
- Do we take reasonable steps to ensure that current and prospective learners with disabilities do not suffer less favourable treatment in provider or on employers' premises?
- Do we have a well-understood equality scheme and action plan that promotes equal opportunities and human rights? Does our policy meet statutory requirements?
- Do we have an action plan that ensures delivery of the policy?
- Do we provide appropriate equality training for staff and employers where appropriate?
- Do we keep employers aware of the provider's requirements regarding equality and diversity?
- Do we ensure that employers are fully aware of their responsibilities for equality and diversity?
- Do we monitor and effectively address any related issues or complaints that arise?

## **External 'Fairness, Respect and Inclusion' Leadership Strategy**

### **Aim**

To lead the construction and built environment sector in improving its performance around Fairness, Respect and Inclusion so that the sector can actively promote equality of opportunity for everyone and attract and retain the quality people it needs from a diversity of backgrounds.

### **Objectives**

- To challenge the sector as to how it can embrace fairness, respect and inclusion.
- To lead the fairness respect and inclusion agenda in the sector.
- To make the business case that fairness, respect and inclusion is good for business in terms of improving performance and saving costs.
- To help and support the sector in meeting the current and emerging legislation around Equality and Diversity.
- To identify, initiate and promote best practice across the sector.
- To provide accurate and authoritative LMI for the sector on equality and diversity and the protected characteristics.
- To ensure that fairness, respect and inclusion are integrated into the CITB IAG strategy, action plans, policies and procedures.
- To ensure that fairness respect and inclusion are integrated into the CITB-CITB Qualifications strategy, action plans, policies and procedures.
- To work in partnership with external groups.
- To develop products and services that will support the Fairness, Respect and Inclusion

- To launch an equality standard for the sector.

### **Welsh language, Estyn requirement (Common Inspection Framework 2.1.3)**

To meet the demands set by Government and inspection bodies CITB expects that its providers consider the following questions about their ethos and provision for the Welsh language and Welsh dimension:

- Does the quality of our provision for Welsh language development enable learners to achieve good standards, taking account of the linguistic background and context of the provider?
- Does the provider encourage and support learners to maintain and to develop further their existing Welsh language skills?
- Do we encourage learners to take up and to achieve qualifications in Welsh?
- Do we contribute to the learners' knowledge and understanding of the cultural, economic, environmental, historical and linguistic characteristics of Wales?
- How well do we maintain and further develop the existing Welsh language skills of learners? |

# On and off the job training

## Summary of on- and off-the-job training

The total amount of on and off the job training for each pathway.

### Higher Apprenticeship (Level 4)

- Construction Site Supervision 890 training hours using HNC Construction Site Supervision 510 training hours using CIOB Certificate
- Construction Site Supervision 2640 training hours using Wrexham Glyndwr University HNC Building Studies
- Construction Site Supervision 2640 training hours using Wrexham Glyndwr University HNCCivil Engineering
- Construction Site Supervision 1590 training hours using the – Pearson BTEC Level 4 Higher National Certificate in Construction and the Built Environment
- Construction Site Supervision 1590 training hours using the Bangor University Certificate of Higher Education Construction and Civil Engineering

### Higher Apprenticeship (Level 5)

- Construction Management 3040 training hours using BTEC Level 5 HND Diploma in Construction and the Built Environment
- Construction Management 1840 training hours using Pearson BTEC Level 5 Higher National Diploma In Construction and the Built Environment
- Construction Management 3040 training hours using UWTSD Higher National Diploma in Construction Management
- Construction Management 3040 training hours using UWTSD Higher National Diploma in Quantity Surveying

### Higher Apprenticeship (Level 6)

- Pathway 1 Construction Site Management 1647 training hours using Pearson BTEC Level 5 Higher National Diploma in Construction and the Built Environment

## Off-the-job training

Off-the-job training is defined as time for learning activities away from normal work duties.

### Higher Apprenticeship (Level 4)

- BTEC Level 4 HNC Diploma in Construction and the Built Environment 500 training hours
- CIOB Level 4 Certificate in Site Management 160 training hours
- Wrexham Glyndwr University HNC Building Studies 2250 training hours
- Wrexham Glyndwr University HNC Civil Engineering 2250 training hours
- Pearson BTEC Level 4 Higher National Certificate in Construction and the Built Environment 1200 training hours
- Bangor University Certificate of Higher Education Construction and Civil Engineering 1200 training hours

### **Higher Apprenticeship (Level 5)**

BTEC Level 5 HND Diploma in Construction and the Built Environment 2400 training hours

Pearson BTEC Level 5 Higher National Diploma In Construction and the Built Environment 1200 training hours

UWTSD Level 5 Higher National Diploma in Construction Management 2400 training hours

UWTSD Level 5 Higher National Diploma in Quantity Surveying 2400 training hours

### **Higher Apprenticeship (Level 6)**

Pathway 1 Pearson BTEC Level 5 Higher National Diploma In Construction and the Built Environment 1200 training hours.

### **How this requirement will be met**

#### **How this will be met**

Training hours delivered under an apprenticeship agreement may vary depending on the previous experience and attainment of the apprentice. The amount of off-the-job training required to complete the apprenticeship under the apprenticeship agreement may then be reduced accordingly, provided the total number of off-the-job hours for this framework can be verified for apprenticeship certification.

#### **Previous attainment**

Where a learner enters an apprenticeship agreement having previously attained parts or all of the relevant qualifications, this prior learning needs to be recognised using either Total Qualification Time (TQT) achievements within the Regulated Qualification Framework (RQF); or through recording of exemptions for certificated learning outside of the RQF, for example Principal Learning qualifications.

Off the job training needs to:

- Be planned, reviewed and evaluated jointly between the apprentice and a tutor, teacher, mentor or manager
- Allow access as and when required by the apprentice either to a tutor, teacher, mentor or manager
- Be delivered during contracted working hours be delivered through one or more of the following methods: individual and group teaching, e-learning, distance learning, coaching; mentoring, feedback and assessment; collaborative/networked learning with peers, guided study and induction.

Off-the-job training must be formally recorded, either in a diary, workbook, portfolio, or be verified by attendance records. This evidence needs to be checked and signed by the assessor and the employer.

### **Higher Apprenticeship (Level 4)**

500 training hours- HNC spent in a training environment learning the theory and aspects around Construction and the Built Environment

160 training hours – in a training environment learning the theory aspects around the CIOB Site Management Certificate

2250 training hours - in a training environment on day release learning theory and aspects around HNC Building Studies

2250 training hours - in a training environment on day release learning theory and aspects around HNC Civil Engineering

1200 training hours –in a training environment on day or block release learning theory aspects around the BTEC Level 4 Higher National Certificate in Construction and the Built Environment 1200 training

hours –in a training environment on day or block release learning theory and practical aspects around the Bangor University Certificate of Higher Education Construction

1200 training hours –in a training environment on day or block release learning theory and practical aspects around the Bangor University Certificate of Higher Education Civil Engineering Route.

### **Higher Apprenticeship (Level 5)**

1200 training hours – spent in a training environment learning the theory and aspects around BTEC Level 5 Higher National Diploma In Construction and the Built Environment.

2400 training hours –spent in a training environment on day or block release learning theory and practical aspects around the UWTSD Level 5 Higher National Diploma in Construction Management  
2400 training hours –spent in a training environment on day or block release learning theory and practical aspects around the UWTSD Level 5 Higher National Diploma in Quantity Surveying.

### **Higher Apprenticeship (Level 6)**

1200 training hours- spent in a training environment learning the theory and aspects around BTEC Level 5 Higher National Diploma In Construction and the Built Environment  
1200 training hours. Evidence of off the job training hours

Higher Apprenticeship (Level 4, 5, 6)

### **Level 4**

Level 4 CIOB Certificate in Site Management

Level 4 HNC Building Studies issued by Wrexham Glyndwr University

Level 4 HNC Civil Engineering issued by Wrexham Glyndwr University

BTEC Level 4 Higher National Certificate in Construction and the Built Environment

### **Level 5**

BTEC Level 5 Higher National Diploma In Construction and the Built Environment.

UWTSD Level 5 Higher National Diploma in Construction Management

UWTSD Level 5 Higher National Diploma in Quantity Surveying

### **Level 6**

BTEC Level 5 Higher National Diploma In Construction and the Built Environment.

All Levels Level 2 Certificates for Essential Skills Application of Number and Communication or proxy qualifications identified in this framework

## **On-the-job training**

On-the-job training

On the job training is defined as skills, knowledge and competence gained within the normal working hours. For this framework, the amount of on-the-job is as follows

### **Higher Apprenticeship (Level 4)**

Level 4 NVQ Diploma in Construction Site Supervision 390 hours

### **Higher Apprenticeship (Level 5)**

Level 5 NVQ Diploma in Construction Management 640 hours

### **Higher Apprenticeship (Level 6)**

Level 6 NVQ Diploma in Construction Site Management 447 hours

## **How this requirement will be met**

Evidence for on-the-job GLH will include

How the on-the-job requirement will be met

These hours may vary depending on previous experience and attainment of the apprentice. Where a learner enters an apprenticeship agreement, having previously attained or acquired the appropriate competencies or knowledge, this prior learning needs to be recognised and

documented using the relevant Total Qualification Time (TQT), RQF exemption or recognition of prior learning (RPL) procedures (as off-the-job). The amount of on-the-job training required to complete the apprenticeship under the apprenticeship agreement may then be reduced accordingly, provided the total number of on-the-job hours for this framework can be verified for apprenticeship certification.

Apprentices who commence training under a new apprenticeship agreement with a new employer may bring a range of prior experience with them. When an apprentice can claim 50 hours or more towards the on-the-job framework total through prior learning acquired from previous full-time education, employment or other vocational programmes, then the apprentice's learning programme should include 'customisation'. Training providers are encouraged to identify additional on-the-job training programmes that customise the learning to the new workplace. Customisation programmes may include selecting appropriate additional unit(s) from RQF qualifications, or relevant units recognised as Quality Assured Lifelong Learning [QALL] through a CQFW recognised body, or follow Essential Skills at a level higher than that specified in the framework, include one or more Wider Key Skills or other competency-based qualifications/units relevant to the workplace.

Job roles within construction require a thorough level of technical competence and knowledge, which will be undertaken through work-based training, practice and experience.

How this will be evidenced:

On-the-job learning must be formally recorded, either in a diary, workbook, portfolio or be verified by attendance records. This evidence needs to be checked and signed by the work based recorder, employer or training provider and quality assured by the Awarding Organisation (assessor/verifier). These records of hours may need to be submitted to the Certifying Authority when applying for an apprenticeship completion certificate.

#### Additional Guidance

All apprentices are required to generate evidence in the workplace to complete the competence qualification over the period of the apprenticeship; this is achieved by the following.

- In the workplace, candidates bring evidence of completed tasks which are supported by a work based recorder; this evidence is discussed and agreed by the assessor (as a contribution to demonstrating competence in the workplace).
- The generation of a work-based portfolio, either paper-based or electronic, can be accepted by the Awarding Organisations. When the apprentice has gathered all of the work-based evidence that meets the requirements the assessor will sign off the competence qualification.
- The use of an onsite diary and site records generated by the candidate is acceptable for providing evidence of workplace tasks.
- Evidence is generated throughout the apprenticeship period, allowing the candidate to have mentoring and assessment when tasks have been completed. Only a variety of work will generate enough evidence to support the qualification. Evidence for on the Job Training at Higher Apprenticeship (Level 4, 5, 6)

- NVQ Diploma issued by an Awarding Organisation for the given occupational area

A completion certificate will only be issued by Apprenticeship Certification Wales (ACW) when all component parts of the framework have been achieved and the required minimum time has been met and certificates from the Awarding Organisation have been issued and checked by the Certification Body (Sector Skills Council).

# Wider key skills assessment and recognition

While Wider Key Skills are not a **mandatory** part of the framework, training providers are encouraged to provide apprentices the opportunity to achieve them.

For this framework, there are natural opportunities for Wider Key Skills to be embedded within the mandatory units of the following qualifications:

[Enter Qualification Names]
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## Improving own learning and performance

[Give examples - signpost to specific units in framework qualifications that would meet these requirements]

## Working with others

[Give examples - signpost to specific units in framework qualifications that would meet these requirements]

## Problem solving

[Give examples - signpost to specific units in framework qualifications that would meet these requirements]

# apprenticeship FRAMEWORK

For more information visit-  
[www.acwcerts.co.uk/framework\\_library](http://www.acwcerts.co.uk/framework_library)