Skills4Stem®
Transforming Adult Education

HNC in Construction and the Built Environment

WELCOME

General Information on our HNC/D:

The HNC/D in Construction and the Built Environment is created and accredited by Pearson and consists of 8 HNC modules & 7 HND Modules. Pearson describe themselves as the "World's Learning Company" and operate in over 70 different countries.

We offer **several specialist pathways** which are **Construction Management, Civil Engineering, Building Services Engineering (HVAC or Electrical), Architectural Technician and Quantity Surveying.** Please see further information on these pathways throughout this document.

Monthly assignments are set, and the course has a 12-month duration for both the HNC and the HND. It is delivered via **blended online learning**, with online 'live' taught interactive webinars taking place once every two weeks during evenings & weekends. You will be given access to an online portal called **Skills4Stem Online**, providing you with ample resources needed to complete the course. 1-2-1 support via a personal tutor is also available as required.

Enrollment Process:

For those self-funding - The whole enrollment process can be completed over the phone. We will conduct a short telephone interview to take some enrollment details. Following this interview, we can also take payment over the phone.

For those being funded through their employer - We can raise an invoice for the course cost. We will require the Name, Email Address and Work Address for the person within your organisation who will be making the payment. Following confirmation of payment, we can set up a suitable date and time to conduct a telephone interview to complete the enrollment process.

We offer **rolling start dates** for our HNC, meaning we usually have start dates every month.

PEARSON HNC CONSTRUCTION SPECIALIST PATHWAYS

HNC CBE (Construction)	
Unit 1	Individual Project (Pearson-set)
Unit 2	Construction Technology
Unit 3	Science & Materials
Unit 4	Construction Practice & Management
Unit 5	Legal & Statutory Responsibilities
Unit 6	Construction Information (Drawings etc)
Unit 13	Tender & Procurement
Unit 21	Site Supervision & Operations

HNC CBE (Building Services Engineering)	
Unit 1	Individual Project (Pearson-set)
Unit 2	Construction Technology
Unit 3	Science & Materials
Unit 4	Construction Practice & Management
Unit 8	Mathematics for Construction
Unit 9	Principles of Heating Services Design & Installation
Unit 10	Principles of Ventilation & Air Con. Design and Inst.
Unit 19	Principles of Electrical Design & Installation

HNC CBE (Civil Engineering)	
Unit 1	Individual Project (Pearson-set)
Unit 2	Construction Technology
Unit 3	Science & Materials
Unit 4	Construction Practice & Management
Unit 6	Construction Information (Drawings etc)
Unit 8	Mathematics for Construction
Unit 18	Civil Engineering Technology
Unit 20	Principles of Structural Design

HNC CBE (Quantity Surveying)	
Unit 1	Individual Project (Pearson-set)
Unit 2	Construction Technology
Unit 3	Science & Materials
Unit 4	Construction Practice & Management
Unit 5	Legal & Statutory Responsibilities
Unit 11	Measurement & Estimating
Unit 12	Financial Mgt & Business Practices in Construction
Unit 13	Tender & Procurement

SKILLS4STEM FLEXI-LEARN
BRAND NEW FLEXIBLE MODULAR LEARNING

Pearson HNC Level 4 in Construction & the Built Environment
One 4-6 weekly accredited unit at a time....

Build your own HNC by choosing 8 units from below
(Must include units 1-6 mandatory units):

Pearson Unit No.	Unit Topic Title	Length
	Mandatory Units	
1	Pearson Set Individual Project	12 weeks
2	Construction Technology	4-6 weeks
3	Science and Materials	4-6 weeks
4	Construction Practise & Management	4-6 weeks
5	Legal & Statutory Responsibilities in Construction	4-6 weeks
6	Construction Information (Drawing, Detailing, Specifications)	4-6 weeks
	Choose 2 Optional Units below	
13	Tender & Procurement	4-6 weeks
14	Building Information Modelling (BIM)	4-6 weeks
15	Principles of Refurbishment	4-6 weeks
16	Principles of Alternative Energy	4-6 weeks
18	Civil Engineering Technology	4-6 weeks
19	Principles of Electrical Design and Installation	4-6 weeks
21	Site Supervision & Operations	4-6 weeks

Delivery and Time Commitment

Start working towards your distance learning HNC in Construction and the Built Environment today, just one unit at a time.

Pearson accreditation will be provided per unit, with up to 5 years to complete the full 8-unit qualification.

The blended programme would be delivered as follows:

- Skills4Stem eLearning online eLearning (24/7)
- Skills4Stem workbooks
- Fortnightly interactive webinars
- Weekly group assignment surgeries
- Unlimited support by Skills4Stem qualified lectures

Costs & Funding

Please visit www.skills4stem.com for current pricing.

EMPLOYMENT

The focus on specialist pathways, at Level 4 (HNC) and Level 5 (HND), provides students with a clear set of skills and goals for further study or entering employment. Typical jobs related to pathways may include:

Pathway	Job Roles
Construction - Management **(HNC and HND Level)**	Assistant Design Coordinator Design & Build Coordinator Construction Site Supervisor Construction Design Technician Site Manager Project Manager Health & Safety Manager Planning Supervisor
Construction - Architectural Technology **(Only HND Level)**	Construction Technician Architectural Technologist Architectural Draftsperson Information Manager Architectural Technician Architectural Designer
Building Services - HVAC **Building Services Engineering at HNC Level (Electrical or HVAC ONLY at HND Level)**	Heating/Cooling System Designer Heating/Cooling System Installer Acoustics Designer/Installer
Building Services - Electrical **(Building Services Engineering at HNC Level - Electrical offered at HND Level)**	Building Services Engineering Technician Electrical System Designer/Installer Lighting System Designer/Installer
Civil Engineering **(HNC and HND Level)**	Site Engineering Technician Structural Engineering Design Civil Engineering Design Transport Engineering Design
Quantity Surveying **(HNC and HND Level)**	Quantity Surveyor Building Surveyor Land Surveyor

CURRICULUM INTENT

We have 5 clear aims which are inextricably intertwined with Physical and Mental Wellbeing and Building Learning Power. We want our learners to be:

- **Ready to learn:** Candidates have a positive, confident attitude to learning. They are both physically and emotionally ready to learn.
- **Resourceful:** Candidates show initiative, ask well thought out questions and are prepared to use a variety of strategies to learn.
- **Reflective:** Candidates are curious, interested and willing to learn from their mistakes and can describe their progress
- **Resilient:** Candidates are team members and an enthusiastic learner, prepared to persevere and stay involved in their learning, even when the process is challenging.
- **Reciprocal:** Candidates are prepared to help each other and work as a team and complete routine functions that can be integrated at the working environment

The curriculum in Construction, Engineering and Project Management is designed to provide broad and balanced learning incorporating sector specific leadership, stakeholder management and communication skills that meets the needs of all candidates. It facilitates them to gain the skills, knowledge and understanding, as they start out on their learning journey, supporting them to progress from their individual starting points and preparing them for the next stage of their career.

Our ethos is to support and up-skill individual candidates personal and social, emotional and professional development so that they feel confident, safe, secure and are ready to learn.

Our intention is to enable individuals to make appropriate decisions, through developing them as effective careers decision-makers, leading to increased and appropriate participation in education, training and employment, and thereby contributing to the fulfilment of the individual's potential.

We appreciate that all candidates come into our setting with varied experiences and all teaching, assessment and pastoral staff work hard to ensure that the learning opportunities provided widen their knowledge and understanding of the industry, setting ambitious expectations for all candidates to demonstrate skills and behaviours by the end of their learning or training programme.

We celebrate diversity and support all candidates' individual learning, social and cultural development. Those candidates with particular learning needs, including SEND, are supported appropriately allowing them to be successful.

I have been in construction for 30+ years mainly working on the tools as a carpenter as we all know that the construction industry is a dangerous place to work. I had a accident that stopped me from working for 7 months and I decided to do something about it. In 2018 I decided to do a HNC in construction with Skills4Stem, the course was hard work and I had to make some sacrifices in life to study.

I accomplished my HNC in 12 months but you can now take longer, move on to 2020 and with some other courses I have completed I am now no longer a carpenter I am a Project officer, the roll is surveying buildings, overseeing project work, inspecting work to standard and signing off building work.

The point I am trying to make is that however hard it gets in life, never give up, try to be strong and be the best you can be. Never be afraid to ask for help if you are struggling, there is always another way of looking at things. Thanks Skills4Stem.

Andrew

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Call: **0333 939 8445**

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