

General Enquiries

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BTEC Higher National Certificate in Modern Methods of Construction for England (HTQ)

Location	Stockport College
Course Type	University Level
Department	Building Services
Start Date	Monday 15th September 2025
Duration	Part-time, 1 Year
Time	-
Fee	£ 0.00
Course Code	SPQ-HC4H-1600

Course Overview

This brand-new Level 4 programme of study lays the foundation of learning by providing a broad introduction to construction and different modern methods of construction functions. This Pearson programme was developed with industry partners including the Ministry of Building Innovation and Education. Buildings use about 40% of global energy, 25% of global water and 40% of global resources in their construction and operation. As a result, sustainable energy systems are often incorporated into the design of new construction projects.

Course Requirements

All applications will be considered individual merit, usually based on 64 UCAS points comprising either:

GCE A level

Level 3 vocational qualification in a relevant subject.

Access to Higher Education Diploma in a relevant area.

Successful applicants should have 4 GCSEs at grade C/4 or above including Maths and English.

Mature students with relevant work experience and/or professional qualifications are welcome to apply and may be invited to an interview.

What You Will Learn

In addition to developing your knowledge of Construction principles, you will also have had the opportunity to focus on the research and design of alternative energy systems and have assessed new technologies available to the construction industry. Background knowledge and understanding of Building Information modelling (BIM) will be gained; the drivers, benefits and its importance in the context of current roles and responsibilities in the construction industry. Students will also explore different approaches to off-site construction including modular construction, factory construction, automation and robotics and 3D printing. Students will be able to assess options for off-site production and develop design and manufacturing strategies to enable building delivery.

Assessment

You will be assessed using a range of methods including written assignments, reports, presentations and undertake some practical activity.

Progression

Students can continue their studies with us and progress to a level 5 HND Modern Methods of Construction for England, and following this may be eligible to complete a one year top-up degree at Level 6, which may include:

BSc Construction Project Management
BSc Innovative Home Design and Construction
BA (Hons) Design for Future Living

Career Options

On completion you may wish to enter or develop your career in the sector, in roles such as: Junior Construction Design and Build Technician,
Offsite Construction Manager Trainee

Mandatory Units

At Level 4 you will study the following units:

Construction Design Project
The Construction Environment
Principles of Off-site Construction
Construction Technology
Building Information Modelling
Principles of Alternative Energy
Tender and Procurement
Digital Applications for Building Information Modelling

Extra Costs Involved

No

Exam Validation Body

Pearson Education Ltd

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Hours Per Week

6 hours for part-time course or 12 hours for full-time course.

How Long To Complete

Two years part-time with one full day attendance per week, or one year full-time with two full day attendance per week.

Programme Structure

Each unit is worth 15 credits and over the course of the programme you will gain 120 credits.

Contact Details

For further information please email HEenquiries@tcg.ac.uk

Disclaimer

Although every care has been taken to ensure that the information contained within this document is accurate, there may be changes to this programme and provision. We will endeavour to keep prospective and current students updated where appropriate and when the information becomes available.