

Construction

HN Flex - Construction - Digital applications for Construction Information (Unit 6)

In Brief

Start Date / Duration

This course will start in January 2024. This unit will run for 3.5 hours per week for 17 weeks.

Entry Requirements

You must have GCSE grades at A* to C (or equivalent) and/or 9 to 4 (or equivalent) in maths and English.

You will also need one of the following

- BTEC Level 3 qualification in Construction
- Related Level 3 qualification in Construction
- An Access to Higher Education Diploma from an approved further education institution
- Relevant Industry work experience

Equivalent international qualifications for the above will also be accepted.

You will achieve

On completion of the Pearson HN Flex unit, you will be able to produce a construction information package and gain 15 credits towards the Higher National Certificate in Modern Methods of Construction (120 Credits)

On successful completion of Unit 6 – Digital Applications for Construction Information, you may wish to progress on to Unit 13 – Business Information Modelling, gaining additional units towards the HN Modern Methods of Construction qualification.

Course Overview

Achieving successful projects in the built environment requires a range of different types of information to describe the project, quantify the materials, provide clear instructions for assembly and erection, and allow for accurate costing and management. Throughout the process of design, information is critical.

Central to construction information is the production of construction drawings. Most other forms of construction information will rely, to a greater or lesser degree, on reference to construction

drawings. Therefore, the production of accurate and clearly defined construction drawings is a critical part of the overall construction information package.

Digital applications play a key role in the production of construction drawings. They provide a way to manage drawing information and make changes with greater efficiency and can be shared readily through a variety of digital communication systems.

You will develop the skills needed to produce accurate and consistent construction information using industry-standard software.

This course is delivered as part of the South Yorkshire Institute of Technology (SYIoT).
[<https://www.barnsley.ac.uk/syiot/>]

Course Content