Construction

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

In Brief

Start Date / Duration

Entry Requirements

You will achieve

This course will start in September. This unit will run for 3.5 hours per week for 17 weeks.	You must have GCSE grades at 4/C or above (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. Anyone looking to retrain in a new career or upskill to enhance their existing career can apply if they: • are aged between 19 and 60 • live in England • live outside of England but work in England (some further conditions may apply – check eligibility with the provider)	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

Unit 6 – Digital Applications for Construction Information, where you will develop knowledge and understanding of the key areas below:

- The key types of construction information used in support of construction projects
- The use of project standards and setup in digital applications
- Construction information for a given project using industry-standard digital applications
- Package of construction information for a given construction project.

Logo for the Institute of Technology logo [https://www.barnsley.ac.uk/syiot/]

How will I be assessed?

Authorised Assignment Briefs; graded Pass, Merit and Distinction in the following areas for this unit:

- Discuss construction information.
- Demonstrate the use of digital applications.
- Generate construction information using digital applications.
- Presentation of your chosen construction project.

What Equipment Will I Need?

You will need to bring basic stationery and drawing equipment with paper and a folder. All other equipment for the course will be provided.

Where will I study?

Construction Centre
Honeywell Lane
Barnsley
S75 1BP

What can I do next?

Progression opportunities:
Enhance career and employment opportunities in the workplace.
Further study within HN suite and then progress to HND and further university level study.
Ability to “stack” skills towards a full long term Higher National qualification in the future
Study further individual HN units which have been adopted from the Ofqual regulated suite.
Progress to a full HN via the Recognition of Prior Learning (RPL) process.
The opportunity to align individual units to Apprenticeship Standards.
Receive a Certificate of Unit Completion which will detail the unit studied.

The Certificate of Unit Completion will not contain the Ofqual logo, only available of completion of the full HN qualification.

How much does the course cost?

An individual unit costs £750. You can study this unit alongside the Building Information Modelling unit at no cost until August 2025. For more information please see below.

Extra information

No Cost for HN Flex Units

Under the Modular Acceleration Programme, Barnsley College is able to offer selected HN Flex units at no cost to students or employers until August 2025. You will not need to repay any tuition fees to study the combined two units as part of this package, although the funding you access will reduce the amount remaining in your future Lifelong Learning Entitlement (LLE) account. This funding can be accessed by any student aged between 19 and 60 who lives in England. Visit the Gov website for more information about the Modular Acceleration Programme [https://www.gov.uk/government/publications/lifelong-learning-entitlement-modular-acceleration-programme/the-modular-acceleration-programme-map] or LLE [https://www.gov.uk/government/publications/lifelong-learning-entitlement-lle-overview/lifelong-learning-entitlement-overview] .

Contact the Information Unit

For further information please contact our friendly Information Team on +44 (0)1226 216 123 or email info@barnsley.ac.uk [mailto:info@barnsley.ac.uk]

Disclaimer

Please note we reserve the right to change details without notice. We apologise for any inconvenience this may cause.

Last updated: 3rd October 2024

Want to apply?

Visit **https://www.barnsley.ac.uk/apply** to get started
Call us on **01226 216 123**