Construction

HNC in Modern Methods of Construction HTQ

Campus: University Centre Rotherham
Code: U07HE01
Type: Full Time | Part Time

This course in HNC Modern Methods of Construction (HTQ) is offered on a full-time basis taught over two semesters (one academic year) or on a part time basis, taught over four semesters (two academic years).

Modern methods of construction are seen a way to solve the UK's housing crisis with the potential for a 30% improvement in speed of construction of new homes through adoption of innovation with a 25% reduction in costs as well as advances in energy efficiency and quality. This course will provide you with an in-depth understanding of both the design and technical requirements to meet the needs of the 21st century in terms of sustainability and efficiency concerning building methods of the future from factory produced structures built offsite to more easily assembled modular components .

Why Study With Us?

We continually invest in modern, state-of-the art equipment.

With industry-experienced tutors, the course is designed to equip you with the skills set desired by employers within the construction industry and provide you with new opportunities for career development.

Modules Covered

- Construction Design Project (Pearson-set)
- The Construction Environment
- Construction Technology
- Principles of Off-site Construction
- Building Information Modelling
- Principles of Alternative Energy
- Tender & Procurement
- Digital Applications for Construction Information

Entry Requirements

Pathways for entry onto the course are as follows:

- A level 3 qualification in Construction or Civil Engineering discipline
- A minimum of two ‘A’ levels in scientific subject areas
- Proven relevant industrial management experience in the Construction Industry

How To Apply

You can apply using our online application form and clicking the **Apply Now** button at the top of the page.

Career Opportunities

Careers that are available on completion of the course include architectural technologist, construction managers and digital engineers.

Further opportunities should be available to progress your career into more senior and management roles and responsibilities with experience.

PLEASE NOTE

We make every effort to ensure information within our online course directory is accurate and a true representation of the courses we are offering in 2027-28. However, we do reserve the right to make changes if necessary.

Last updated: 22nd November 2026