University Centre
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# HNC Civil Engineering – Part Time Day - January Start– awarded by Pearson

Are you ready to play a key role in shaping the world around us?

This course is designed for individuals who want to build a career in the civil engineering sector — whether that's in roads and bridges, flood defence, utilities, or urban infrastructure. You'll gain the technical knowledge and practical skills needed to work on the front line of construction and infrastructure development.

It's ideal if you're looking to take your next step after a Level 3 qualification or if you're already working in the sector and want a recognised qualification to back your experience.

You'll develop a deep understanding of engineering design, materials science, surveying, and structural principles — and how to apply these to real-world civil engineering challenges.

If you're analytical, practical, and ready to start building a career with purpose, this course is for you.

We know you're balancing life, work, and study — which is why this course is delivered flexibly to fit around your commitments. We offer September and January start dates.

The North-West Construction & Technology Excellence College (CTEC) at Wigan & Leigh College provides high-quality training for careers in construction. It was created in response to the need for around 40,000 new workers to fill construction jobs across the UK.

Construction is a modern industry with a wide range of opportunities. It combines technology, creativity, and practical skills, including digital design, 3D modelling, and more sustainable methods of building.

**Duration:** 2 Years
**Study Mode:** Part Time
**Campus:** Centre for Advanced Technical Studies

CTEC courses are developed with employers, ensuring you gain the skills companies are actively looking for. You'll build real experience and develop the knowledge employers value, helping you stand out when applying for apprenticeships or jobs.

## What will I learn?

This course is designed to give you a solid foundation in civil engineering, covering everything from environmental context to digital technology and measurement techniques.

You'll work on a variety of technical and project-based modules that mirror the realities of the workplace, including a group project set by Pearson.

**HNC Modules include:**

• Construction Design Project

• Civil Engineering Technology

• Principles of Structural Design

• Science and Materials

• Construction Environment

• Digital Applications for Construction Information

• Surveying, Measuring and Setting Out

• Mathematics for Construction

You'll also build essential skills in analysis, communication, digital literacy, and project collaboration — all of which are crucial in modern engineering environments.

## How will I be assessed?

You'll be assessed through a combination of:

• Written assignments

• Practical coursework

• Real-world project tasks

All assessments are designed to reflect industry expectations and help you develop the problem-solving skills needed for your career.

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## How long is the course?

You'll study 1 day per week for 2 years. This part-time format is designed to work alongside your job or personal commitments.

## What qualification do I need?

To apply, you'll need:

• 96 UCAS points (MMM) from an Extended Diploma, or of you are studying a relevant level 3 Diploma, 64 UCAS points (MM).

• GCSE Maths at Grade C/4 or above (or equivalent)

We also welcome applications from mature students with experience, a portfolio of work, or references from employers.

## What can I progress onto?

This course opens up a range of progression opportunities:

• **Employment** in roles such as structural technician, engineering surveyor, highways technician, or infrastructure assistant

• **HND Civil Engineering** — study for one additional year to gain your full Level 5 qualification

• **Top-up degree** at university, leading to a BSc (Hons) or similar in Civil Engineering or a related discipline

• **Higher or Degree Apprenticeships** — this HNC provides a strong foundation for further training within a structured work-based route

This qualification also supports recognition by relevant professional bodies and aligns with occupational standards in the sector.

## Other Information

You'll learn from tutors who bring years of real-world experience — from chartered engineers to quantity surveyors and legal specialists — with backgrounds at major organisations like Balfour Beatty, Mott MacDonald, and Highways England.

You'll also benefit from:

• Study at our Centre for Advanced Technical Studies, equipped with industry-standard labs

• £118,000 investment in surveying technology, including a robotic total station, 3D laser scanner, and GPS surveying equipment

• Access to the Greater Manchester Institute of Technology (GMIoT) employer network, guest speakers, and

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competitions

## Exam Fees

Students aged 16-18 do not pay exam fees.

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