

General Enquiries

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HND Civil Engineering

Location	Stockport College
Course Type	University Level
Department	Building Services
Start Date	Monday 15th September 2025
Duration	Full-time, 1 Year
Time	09:00 - 17:00
Fee	£ 8000.00
Course Code	SFP-HC5H-3300

Course Overview

This HND in Civil Engineering builds on the Level HNC in preparing students for a career in the construction sector, by acquiring knowledge, understanding and developing skills that underpin the study of civil engineering. Problem solving is a very important skill and you will develop critical thinking and analytical skills, to be able to apply the UK and EU codes of practice and industry standards, learned on the course. The areas of maths and science which support engineering principles, will be studied along with management techniques and subjects that will increase your awareness of the economic and commercial context of engineering processes.

Course Requirements

Applicants must have successfully completed the Level 4 HNC Civil Engineering and have 120 credits.

In addition applicants should have met the entry criteria for the L4 HNC Civil Engineering which is:

64 UCAS points from either:

- A Level 3 vocational qualification
- GCE A levels
- An Access to higher Education Diploma in a relevant area

Applicants should have 4 GCSEs at grade C/4 or above, including maths and English.

What You Will Learn

You will acquire knowledge of various aspects of the civil engineering field; in particular, in-depth theoretical knowledge of structural design and analysis, as well as an understanding of concrete technology. Exposure to setting-out processes and surveying, will equip students with the principles of mapping and land surveying. You will learn about the different construction methods that may be adopted on different projects, and you will become familiar with equipment available to perform on-site work. You will have the opportunity to explore geotechnical aspects within the geology and soil mechanics unit, with practical work on sieve analysis and soil shear strength.

Assessment

Through written assignments, reports, and presentations.

Progression

On successful completion of the Level 5 Higher National Diploma, students may choose to complete a Level 6 top-up degree in a related field and/or professional qualifications.

Career Options

On completion, students may develop their career in this sector by entering or continuing employment in roles such as: Construction Management, Surveying, Environmental engineering, Structural Design, Project Planner and Structural Engineer.

Mandatory Units

At Level 5 you will study:

Group Project

Personal Professional Development

Advanced Structural Design

Construction Technology for Complex Building Projects

Further Mathematics for Construction

Hydraulics

plus 2 additional units

Extra Costs Involved

No

Exam Validation Body

Pearson Education Ltd.

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Pearson Education Ltd.

Hours Per Week

12 hours

How Long To Complete

1 year full-time with two full days attendance per week.

Programme Structure

At Level 5 you will gain 120 credits from 8 units of study.

Contact Details

For further information please email HEnquiries@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.