

# Engineering

## HNC in General Engineering

**Campus:** University Centre Rotherham

**Code:** UCREG002

**Type:** Full Time

These courses are designed to provide you with a thorough understanding of engineering technologies used by businesses nationally and globally.

By studying the theory behind these technologies, you will develop knowledge of how engineering systems feature in everyday life.

These courses provide advanced technical knowledge through general engineering principles, concepts and theory.

You will study higher-level technical vocational engineering skills to prepare you for a range of related occupations. The HNC course can be topped up to an HND qualification with further study.

### Why Study With Us?

We continually invest in new equipment and facilities, including mechatronics, Programmable Logic Controller (PLC) facilities, and metallurgy and science laboratories.

With industry-experienced tutors, the BTEC HNC and HND in General Engineering courses are designed to equip you with the skills set desired by employers within the engineering industry and provide you with new opportunities for career development.

### Modules Covered

Level 4 HNC

- Engineering Maths
- Engineering Science
- Materials, Properties and Testing
- Mechanical Principles
- Electrical and Electronic Principles
- Mechatronics
- Managing a Professional Engineering Project
- Engineering Design

## Level 5 HND

- Further Maths
- Lean Manufacturing
- Distributed Control Systems
- Professional Engineering Project
- Industrial Systems
- Further PLC's
- Research Project

## Entry Requirements

Level 4 HNC entry requirements:

- A relevant Level 3 qualification

Level 5 HND entry requirements:

- The HND is an 18-month top-up from the HNC General Engineering. The units gained on your HNC must be transferable to suit the HND matrix

## 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

Upon successful completion of these courses you could go into employment as an Engineer in many different settings or progress onto an engineering degree.

Completing these higher-level courses will also enhance your career opportunities and help meet aspirations for career progression to supervisor or managerial level roles.

### 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 2024/25. However, we do reserve the right to make changes if necessary.

**Last updated:** 18th April 2024