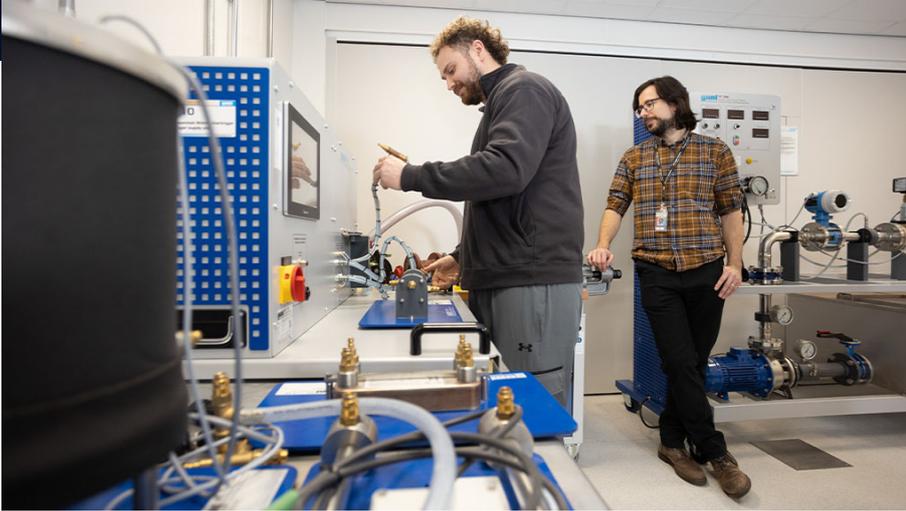


# HNC Engineering (Electrical & Electronic) (HTQ)



## Course Overview

This comprehensive program is tailored for individuals with a passion for engineering and a drive to excel in this dynamic field. Ideal for those who possess a curious mind, problem-solving abilities, and a knack for innovation, this course is designed to nurture aspiring engineers who are eager to broaden their understanding of electrical and electronic engineering disciplines. Whether you're a recent level 3 graduate or a working professional looking to enhance your skills, this certificate equips you with the knowledge and practical expertise necessary to thrive in the ever-evolving world of engineering.

## What You Will Study

The course comprises of core compulsory units of Maths, Science, Electrical and Electronic Principles which are designed to give you a broad overview of the subject area. You will study other specialist units such as Automation, Robotics and Programmable Logic Controllers (PLCs).

Through the course you will also gain a sound knowledge and understanding of the engineering sector whilst developing research, critical thinking and problem-solving abilities which are essential employability skills for work within this field.

## Attendance Expectations

One day per week.

## How You Will Be Assessed

This course is assignment based using internally and externally set briefs.

## Entry Requirements

48 UCAS tariff points from either:

- A Levels (including Maths/Science or a related subject)
- A BTEC Level 3 Extended Diploma in a relevant subject
- A BTEC Level 3 Diploma in a relevant subject
- An EAL Level 3 Diploma in Engineering Technologies

The following are also required:

### START DATE

September 2026

### LEVEL

Level 4

### STUDY MODE

Part-time

### DURATION

2 years

### AWARDING BODY

Pearson BTEC

### LOCATION

Castleford College



For further information about this course, including Entry Requirements, Assessments and Further Study, scan the QR code.

## Need More Information?

For additional course information please contact the Course Information Team on **01924 789111** or email [courseinfo@heartofyorkshire.ac.uk](mailto:courseinfo@heartofyorkshire.ac.uk).

To learn more about Castleford College, our facilities and how we can support you please visit our website [www.heartofyorkshire.ac.uk](http://www.heartofyorkshire.ac.uk).

## Quick Links



[How to Apply](#)



[Student Support](#)



[Virtual Tours](#)

- Two satisfactory references
- Grade C/4 or above in Maths and English

Applications from mature students with relevant professional/life experience in an engineering environment are welcome. You might be required to provide further evidence to decide on your suitability for the course and an admissions test may be used in certain circumstances.

## Fee Information

£3,700 per year

## Further Study

HTQ Higher Technical Qualification (Level 5) – Formally HND Engineering (Mechanical) – Currently only offered at Selby College.