

## **Engineering (RQF) Pearson BTEC Level 5 Higher National Diploma (HND)**

Study Mode: Full Time

### **Is this course right for me?**

#### **Delivery Information**

Course Fee: £5,500

Duration: 1 Year

If you have completed your engineering HNC and want to continue your learning and further develop your industry knowledge and skills, the engineering HND is the next step!

The HND is mainly a theory-led classroom-based course and there are a number of pathways that can be followed – general, manufacturing, mechanical or electrical/electronic engineering – and, as well as a range of mandatory units, you will also study a number of pathway-specific modules too.

## **Entry Requirements**

To access this course you are required to have:

- HNC in Mechanical or Electrical Engineering

You will also be required to attend a college interview and assessment.

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## What will I learn?

During the HND you will study a range of modules from the following selection:

- Engineering design
- Engineering maths
- Engineering science
- Managing a professional engineering project
- Professional engineering management
- Lean manufacturing
- Manufacturing systems engineering
- Advanced manufacturing technology
- Quality and process improvement
- Mechanical principles
- Fundamentals of thermodynamics and heat engines
- Further mathematics
- Electrical and electronic principles
- Industrial systems
- Industrial power, electronics and storage
- Research project

## What skills will I gain?

By studying this course you will:

- Further develop your understanding of engineering principles
- Gain an in-depth understanding of technical information and its application in a working environment
- Develop an appreciation of leadership roles in the engineering industry
- Learn how to apply theoretical knowledge to solve engineering problems
- Understand the relevance and implications of a range of engineering processes
- Analyse and design engineering solutions
- Learn how to self-reflect and improve on your experiences

## **How will I be assessed?**

Throughout the course you will be assessed in the following ways:

- Observation
- Written assessments
- Assignments
- Research

## **What can I do next?**

Completion of the course will enable you to:

- Work in the industry as a production engineer, manufacturing engineer or design engineer
- Gain a management or supervisory role in the industry
- Progress to a higher level apprenticeship or university degree

***Please note: City of Wolverhampton College reserves the right to close or not run courses if enrolment numbers are not educationally or economically viable. If this course is unable to run, you will be notified as soon as possible. We apologise for any inconvenience this may cause.***

## **Delivery**

**Location:** Wellington Road Campus

**Start Date:** 13/10/2026

**Day:**

**Time:**

**Course Fee:**

**Course Code:** Q4727

**Study Mode:** Full Time



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