



Pearson

Higher National Certificate in Engineering Level 4

Electrical and Electronic Engineering

Mechanical Engineering

Manufacturing Engineering

120 credits



Train'dUp

Respecting People – Developing Business

www.traindup.org

Introduction to Train'd Up's HNC

Our Pearson BTEC Level 4 Higher National Certificate (HNC) Engineering study programmes are delivered through a hybrid learning model, flexibly, online with live tutor led interactive sessions. The curriculum is delivered over one or two evenings per week (Tuesday and Thursday 6pm – 9pm), giving you the opportunity to learn at your own pace. It provides you with a programme of flexible study across a range of disciplines, designed to help you develop the skills and knowledge required to your support career progression.

Our Pearson BTEC Level 4 Higher National Certificate (HNC) Engineering offer is designed for students wishing to work as technician level engineers in electrical and electronics, mechanical or manufacturing roles. It has been developed in consultation with industry and combines theory and practical work with the focus being on industrial applications. Before starting studies, you will select your preferred pathway, subject to your job role pre induction.

Please note, this is not an online self study programme, our delivery is tutor led, you will choose to attend one or two live tutorials per week all delivered conveniently online. Our study model is fully interactive both with tutors and other students. To participate in studies all you need is access to a laptop.

Benefits of our hybrid learning model



Learn at your own pace

Choose to attend live online classes either one or two days per week, whichever best suits your lifestyle.



Flexibility

Our live tutor led classes are well-organised and maintain student performance in a virtual setting, affording you the flexibility of learning from any place at any time.



No need to travel to study

You are not required to commute to one of our centres for tutorials, it's all available from the comfort of your own home or workplace.



Greater accessibility

It makes learning more accessible to those living with disabilities or geographic constraints, our distance learning provision is accessible to students from almost any location!



Save time and money

It saves you precious time and money, you do not need to be concerned about the travel time or expenses to attend our classes.

What you study

Qualification credit value: a minimum of 120 credits. This is made up of eight units, each with a value of 15 credits.

The purpose of Pearson BTEC Higher National Certificates in Engineering is to develop you as a professional, self-reflecting individual who is able to meet the demands of employers in the rapidly evolving engineering sector and adapt to a constantly changing world. The qualifications also aim to widen access to higher education and enhance the career prospects of those who undertake them.

The Pearson BTEC Higher National Certificate in Engineering Level 4 offers you a broad introduction to the subject area via a mandatory core of learning. While allowing for the acquisition of some sector-specific skills and experience through the specialist units in each pathway, with the opportunity to pursue a particular interest through the appropriate selection of optional units. This effectively builds core skills while preparing you for more intense subject specialisation at Level 5. You will gain a wide range of sector knowledge tied to practical skills gained in tutorials, research, self-study, directed study and workplace activities.

Pathway 1

Electrical and electronic engineering

This course offers a balanced programme of engineering principles, design and applications within the electrical and electronic field:

- Engineering design
- Engineering maths
- Engineering science
- Managing a professional engineering project
- Renewable energy
- Electrical and electronic principles
- Automation, robotics and PLCs
- Electrical systems and fault finding

Pathway 2

Manufacturing Engineering

This course offers a balanced programme of engineering principles, design and applications within the manufacturing field.

- Engineering design
- Engineering maths
- Engineering science
- Managing a professional engineering project
- Renewable energy
- Production engineering for manufacture
- Automation, robotics and PLCs
- Quality and process improvement

Pathway 3

Mechanical Engineering

This course offers a balanced programme of engineering principles, design and applications within mechanical field.

- Engineering design
- Engineering maths
- Engineering science
- Managing a professional engineering project
- Renewable energy
- Mechanical principles
- Fundamentals of thermodynamics and heat engines
- Automation, robotics and PLCs

Please visit [BTEC HNCD Engineering](#) for further details of these qualifications.

Duration

2 days per week attendance – 24 months

1 day per week attendance – 48 months

Professional accreditation

The HNC programme is an internationally recognised qualification awarded by Pearson.



Career opportunities

Students who complete this course can usually progress to the 1st year of an appropriate degree at a UK University. Our HNC qualifications provide you with the opportunity to seek career development into senior positions in national and international companies.

Entry requirements

Applicants should normally have a BTEC or SQA National Certificate or NVQ/SVQ Level 3 in a similar or related discipline or GCSE A level qualifications in maths or science. Relevant engineering experience will also be considered.

Payment options

To get started and enrolled please choose payment choice (all prices include BTEC registration fee and VAT)

Payment plan	Monthly installments	
Full payment	£3,995 single payment	
12 month plan	£200 deposit	12 payments of £333*

* We will contact you with direct debit arrangements

Office Locations



Bridge of Allan

Birmingham

Derby

London

Manchester

Newcastle

York

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