HETA

Engineering The Future

ENGINEERING APPRENTICESHIPS

Your guide to Engineering Apprenticeships 2024-2025

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Connect with us on Social Media:
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H

Hull (Head Office)
Dansom Lane South, HU8 7LA.

G

Grimsby
Pioneer Business Park North, DN41 8FJ.

S

Scunthorpe
Ram Boulevard Foxhills Industrial Estate, DN15 8QW

Look out for the location icons on our course pages indicating which centre the course is available at.

A WELCOME FROM OUR CHIEF EXECUTIVE

Since opening it's doors in 1967, HETA have always looked for enthusiastic and highly motivated young people who are looking to become engineers with a range of companies across the Yorkshire and Humber region.

Our learners are very successful, moving into key jobs in multi-national companies. Our aim is to get all learners into full time jobs at the end of their training.

This success is built through the excellent workshop training the learners receive and our dedicated instructors and lecturers who provide theory based work that leads many learners onto higher education such as our Higher National programme.

We are confident that not only will you receive the best engineering training but will also acquire essential life skills that will ensure your success in the years to come.

I hope that you find this guide useful in understanding what HETA can do for your career in Engineering.

Iain Elliott
Chief Executive

"We understand what it takes to deliver training that makes a positive impact"

WHY CHOOSE AN APPRENTICESHIP?

If you are looking for a hands-on career that gives you a wide range of practical skills in a fast growing, exciting and highly innovative industry, then an apprenticeship in engineering could be for you.

HETA allows you to build your confidence by learning to work hard, take on responsibility and develop problem-solving skills. Working with an employer, we will ensure that you are prepared for a rewarding, lifelong career.

> **You are always learning something new in engineering and that's what I love about it.**

Courtney Kiss, Multiskilled Engineer at Technical Absorbents.

First class training
You will be trained by engineers who know the industry inside-out.

Earn while you learn
You will be paid the National Minimum Apprentice Wage or above by your employer.

Receive a qualification
Your apprenticeship will be funded by the government and your employer.

Career progression
Our Higher National Programmes are designed pathways at Levels 4 and 5, with no student debt.

WHY HETA?

We have a proud history of over 50 years, during this time, we have consistently provided exceptional engineering training in the region, constantly pushing the limits of what can be accomplished for our aspiring engineers.

We will provide you with the knowledge, skills and behavioural development you need to seamlessly progress into industry with confidence and competence, but don't just take our word for it!

We collaborate with over 400 companies across the UK and overall, they rate us as Excellent*.

It's not just the companies we work with either, Ofsted also believes in our provision, rating us as Good in our most recent inspection.

We take immense pride in offering learners a multitude of opportunities to advance their education and enhance their skills, both during their apprenticeship and beyond. Through our partnership with Sheffield Hallam University, our learners have the chance to pursue Level 6 studies and attain a Bachelor of Engineering degree.

*Gov UK

WHAT IS AN APPRENTICESHIP?

An apprenticeship at HETA is typically three years long and encompasses both off and on the job training.

Your off the job training is completed in your first year when you will spend an average of 4 days a week undertaking practical engineering training in the workshop and 1 day a week of theory work towards your qualification.

On the job training is completed in the second and third year of your apprenticeship. You will sit your End Point Assessment (EPA) in your final year as an apprentice.

An EPA typically consists of:

- A knowledge-based exam
- A practical observation
- A technical interview

Please note the structure of an apprenticeship and its EPA can vary depending on the apprenticeship standard.

The UK falls short by 55,00 skilled Engineers each year to meet current demand

Throughout the academic year, we host a range of events tailored for prospective learners.

These events include:

- Open Evenings
- Taster Days
- Work Experience

Our objective with these events is to provide you with an insight into life at HETA and to address any inquiries you might have regarding the application process and the nature of apprenticeships offered by us.

For enquiries about work experience, please contact a member of our team today.
Dates for Open Evening's and Taster Day's can be found on our website:

Dates now available

Visit the HETA website for details on our unsponsored traineeship programme

OUR LOCATIONS

H G S

HETA boasts three sites across the Humber region, with our Hull head office calling the UK's 2017 City of Culture home. We also have two sites on the south bank, being Scunthorpe and Grimsby (Stallingborough).

Our facilities provide high calibre training for you as an apprentice, plus upskilling opportunities to the growing number of national and international companies investing in the Humber region.

TOP TIP

If you are travelling to HETA by public transport, please make sure you check the latest bus and train route's on the travel company's website. A good tool to find the best route is 'Google Maps'. Select your location and the HETA centre you will be travelling to, select the bus or train icon and it will show you the best route and travel time.

CONTACT DETAILS

Hull
27-31 Dansom Lane,
HU8 7LA.
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01482 826635

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Pioneer Business Park,
Newton Way,
Grimsby,
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admin@heta.co.uk
01469 420770

Scunthorpe
3 Ram Boulevard,
DN15 8QW.
admin@heta.co.uk
03303 331501

NEW £5.5m Training Centre

OUR APPRENTICESHIP PROGRAMMES

We offer Level 3 apprenticeships in the following aspects of engineering:

- Design
- Electrical Installation
- Electrical Maintenance
- Fabrication & Welding
- Instrumentation
- Machining
- Mechanical Maintenance
- Multiskilled Maintenance
- Process Operations

HETA have links to over 400 employers across the region

The apprenticeship standards we offer encompass a wide spectrum of engineering specialisms.
These include mechanical and electrical engineering, fluid power, pneumatics, machining, maintenance, installation, fabrication and welding, manufacturing and process operation.

For a deeper understanding of the diverse apprenticeship programmes we provide, we invite you to explore our website* or contact us today**. Here, you'll find comprehensive information about each specialisation and how our programs can kickstart your career.

Please be aware that not all apprenticeship programmes can be studied at every centre, an initial at the bottom of the page will indicate which centre you can study each programme at.

* www.heta.co.uk
**01482 826635

ELECTRICAL

The role of an electrical engineer is to ensure equipment functions smoothly through maintenance, repairs, upgrades, and new installations.

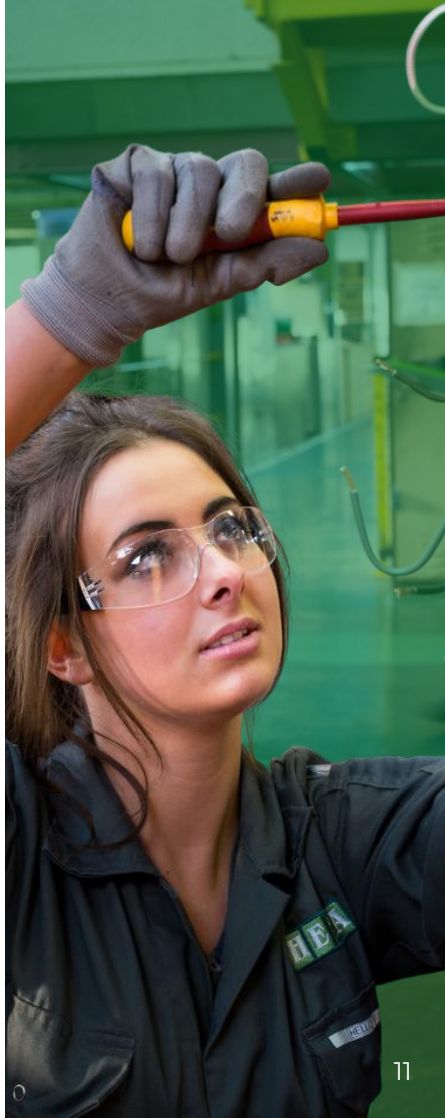
It also includes various areas like computers, telecoms, and electronics, demanding skilled engineers for diverse settings such as factories, hospitals, warehouses, and ships.

Learners that follow the electrical or multiskilled (electrical and mechanical) pathway will study electrical maintenance, mechanical maintenance, electrical wiring and testing, instrumentation, and PLC.

Alternatively, those who study Electrical Installation will study on block release (available in Hull only).

Electrical Programmes:

- Level 3 Maintenance and Operations Engineering Technician
- Level 3 Design and Draftsperson
- Level 3 Service and Maintenance Engineer
- Level 3 Engineering Fitter (Hull only)
- Level 3 Installation/Maintenance Electrician (Hull and Grimsby only)



FABRICATION & WELDING

Engineers working in the fabrication trades create machines, structures and parts, particularly from a variety of metals.

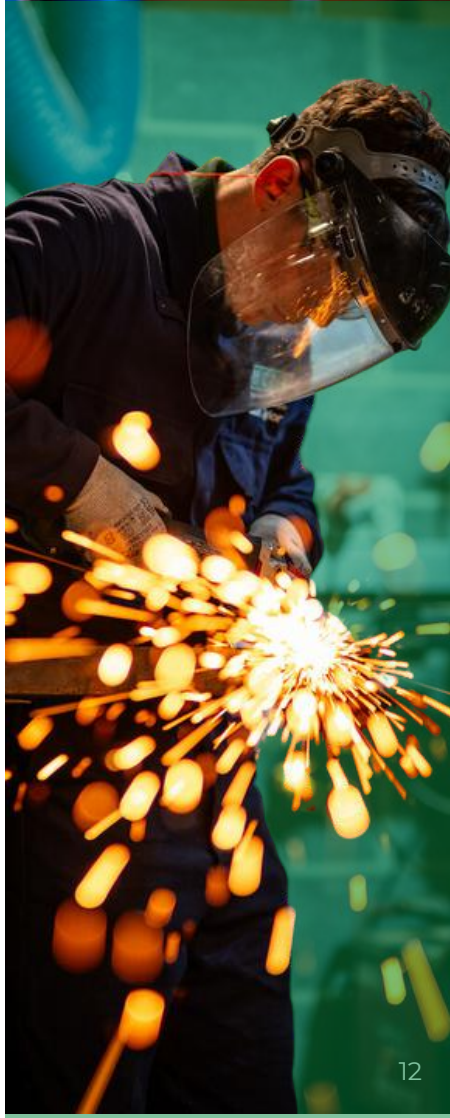
Learners may use specialist equipment and techniques to produce large and heavy items such as oil rigs, storage tanks, bridges and the frameworks of buildings.

The fabrication trades fall into three main categories: Plating, Welding and Fabricating.

As a Fabricator, you could work alone or in teams, in factories or on operational sites, joining and shaping a large variety of metals including steel, aluminium and titanium.

Fabrication & Welding Programmes:

- Level 3 Engineering Construction Pipefitter
- Level 3 Metal Fabricator
- Level 3 Non-destructive Testing Technician
- Level 3 Pipe Welder
- Level 3 Plate Welder



INSTRUMENTATION

An instrumentation technician monitors environmental and atmospheric changes in industrial environments.

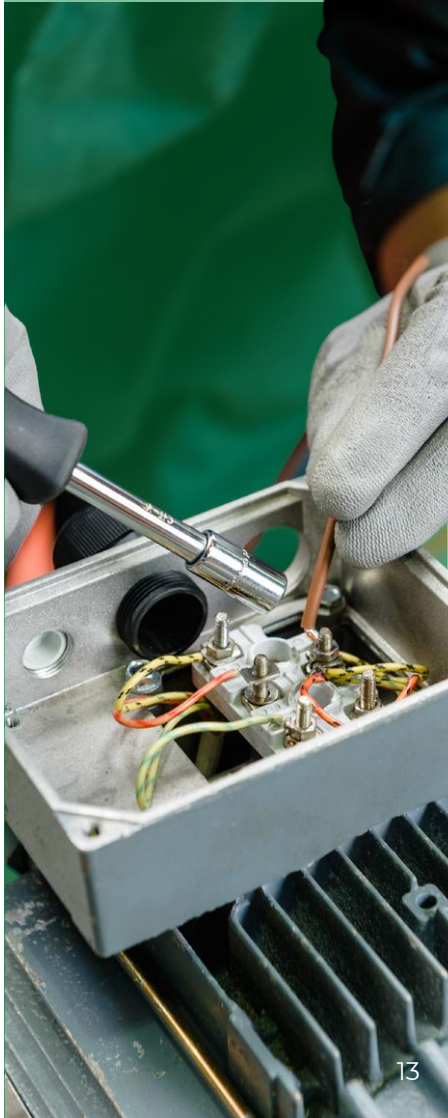
Their work is essential to the safe and efficient operation of facilities such as chemical plants, refineries, power plants, food processing factories and pollution control organisations.

The role can also involve travelling to customers to install and maintain equipment as well as train employees in its use.

Learners that follow the instrumentation pathway will study electrical maintenance, mechanical maintenance, PLC (Programmable Logic Controllers) and instrumentation.

Mechanical Programme:

- Level 3 Maintenance and Operations Engineering Technician



MACHINING

A machinist's role is to take a drawing of something that needs to be manufactured, select the tools needed to manufacturer the part and then create the part using machinery like lathes, milling machines and CNC machines.

An apprenticeship in machining will offer you the opportunity to earn a living, gain valuable work experience, and potentially get your foot in the door of one of the fantastic companies we work with right out of the gate.

Upon completion of the programme, you will be fully qualified, highly knowledgeable, and likely in a full-time position earning a good wage doing something you love.

Machining Programme:

- Level 3 Machining technician

Both centre's are equipped with brand-new, cutting-edge CNC machinery.

MECHANICAL

Mechanical engineers design, produce, repair and maintain machinery using a wide range of tools and also work with drawings such as CAD (Computer-Aided Design).

Upon completion of your apprenticeship these skills will help you to establish a rewarding career in a range of industries such as aerospace, automotive, chemical, construction, defence and marine.

Learners that follow the mechanical or multiskilled pathway will study mechanical maintenance, machining, bench fitting, electrical maintenance, computer-aided design and fluid power.

Mechanical Programmes:

- Level 3 Maintenance and Operations Engineering Technician
- Level 3 Design and Draftsperson
- Level 3 Service and Maintenance Engineer
- Level 3 Engineering Fitter (Hull only)
- Level 3 Installation/Maintenance Electrician (Hull Only)

PROCESS OPERATIONS

Process technicians within the manufacturing sector operate complex physical and chemical processes, often using computer-controlled machinery and other equipment.

Upon completion of your apprenticeship these skills will help you to establish a rewarding career in a range of industries such as cosmetics, food and drink and oil and gas. Whatever the industry, you will be responsible for the entire production process of a factory, chemical plant, refinery or another industrial facility!

Process Operation Programmes:

- Level 3 Maintenance and Operations Engineering Technician

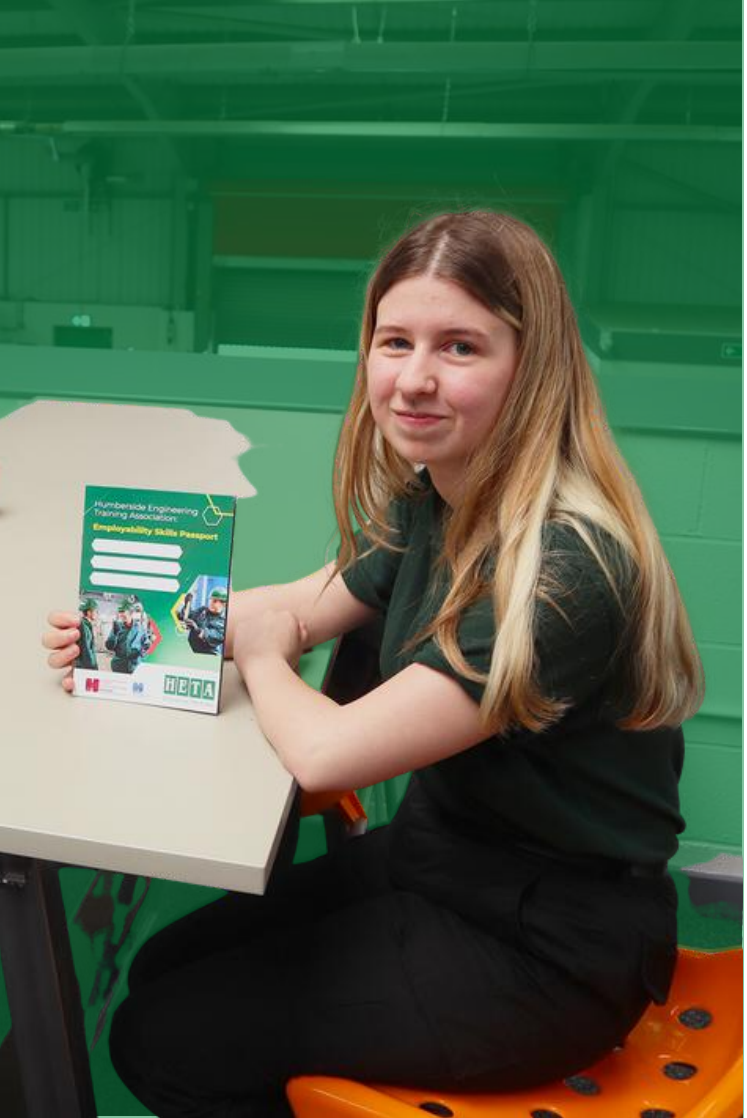
Learners will complete 16 specialised practical units as well as completing 8 units of theory:

- Mathematics
- Communication and IT in process industries
- Process chemistry
- Heat transfer and fluid flow
- Steam generation and distribution distillation
- Mixing and blending of solids and principles of compressors.

H G

Before I secured employment, I was studying as a trainee and participated in a range of employability sessions. I found it helped me to mature and increase my confidence.

Robbie Bales, Multiskilled Engineer at Maizecor Food Ltd



I started my training at HETA as a trainee, and did everything I could to stand out as it can be very competitive. By working with the HETA team on my employability skills, I felt I had an advantage over those who may not have seen the employability programme's importance.

Bethany Glen, Process Operator at Maizecor Food Ltd

SUPPORT

Mentoring

HETA staff are able to offer personal support to you both at work and in situations outside of the workplace.

Health and lifestyle

You will complete a dedicated occupational health and lifestyle programme during your first year.

Employability skills

We have a dedicated team who will assess you and support you with your employability skills.

Travel and transport

We reimburse trainees with transport costs to and from the training centre, including getting to interviews.

HIGHER EDUCATION

Our Level 4 & Level 5 Higher National Programme offers a clear line of sight to further higher education study.

These qualifications equate to the initial two years of an honors degree, and hold industry recognition. They have been designed to be taken as stand alone qualifications before entering the real world of work, or to give you a practical grounding before completing a degree at university.

HNC Programmes:

- Level 4 HNC in General Engineering
- Level 4 Apprenticeship Standard: Engineering Manufacturing Technician
- Level 4 Apprenticeship Standard: Lead Engineering Maintenance Technician

HND Programmes:

- Level 5 HND in Mechanical Engineering
- Level 5 HND in Electrical Engineering

For more information, including entry requirements, please visit our website.

100%
Achievement Rate for HND

OUR EMPLOYERS

Employers want to find employees with real world work experience in a related role. We are proud to work with over 400 companies across the Humber region in the engineering including:

Manufacturing	Food & Drink	Energy & Utilities	Packaging	Gas & Oil	Pharmaceutical
abg international	McCain	YorkshireWater	BERICAP	BOC	reckitt
SAINT-GOBAIN	AAK	EP SHB	ULTIMATE PACKAGING	TOTAL	CRODA
HOWDENS JOINERY CO. MAKING SPACE MORE VALUABLE	JACKSONS enjoy bread	drax	DS Smith	PERENCO	mativ
wren KITCHENS & BEDROOMS	CRANSWICK Great British Taste	SSE	SKYMARK PACKAGING INTERNATIONAL	PRAX	smith&nephew

OUR APPLICATION PROCESS

Our 6-step selection process is equal parts challenging and rewarding. We're looking for those most suited to our programme, this is determined by a candidate's attainment, attitude and passion for engineering. It relates to those who work hard, have a positive outlook and demonstrate a readiness to learn and develop as part of their apprenticeship.

STEP 1

Apply Online:

Complete our online application form. You will need your predicted grades to hand. We require a **minimum of Grade 5 (Grade C)** in English, Maths and Science and at least one other GCSE.

STEP 2

Engineering Assessment:

You will complete an engineering assessment to evaluate your core maths and english skills as well as engineering reasoning and problem solving.

STEP 3

Open Events:

Take a look behind the scenes, tour the facilities and discover more about life as a HETA apprentice. Book your place at one of our open events via our website.

STEP 4

Formal Interview:

You will be invited to a one-to-one interview with a Manager at HETA. Make sure to research interview techniques beforehand.

STEP 5

Company Open Day:

Meet our employers and register your interest in the vacancies they have available. Companies will then identify potential apprentices they would like to interview.

STEP 6

Company or Traineeship Offer:

Applicants are invited for interviews at the company site. Successful applicants are then offered a contract of employment or a place on a traineeship.

HETA

Engineering The Future

email: recruitment@heta.co.uk

Hull: 01482 826635 Scunthorpe: 03303 331501 Grimsby: 01469 420770

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