



Engineering The Future

The Teachers Guide: Engineering Apprenticeships

HETA offers a
pathway
from GCSE to
degree level
education

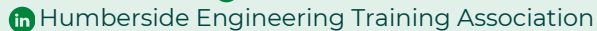
We are the largest specialist engineering
training provider in the Humber region.



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Connect with us on Social Media:



Hull (Head Office)

Dansom Lane South, HU8 7LA.



Grimsby

Pioneer Business Park North, DN41 8FJ.



Scunthorpe

Ram Boulevard Foxhills Industrial Estate, DN15 8QW

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

A WELCOME FROM OUR CHIEF EXECUTIVE

Since opening its 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 lecturers and instructors 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 our learners receive the best engineering training but will also acquire essential life skills that will ensure their success in the years to come.

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



Iain Elliott
Chief Executive



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

OUR LOCATIONS

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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 location and connectivity is key to our success and relationships with employers. Not only do we face Northern Europe, we are in the centre of the UK just 200 miles from London, Edinburgh and Rotterdam, 100 miles from Manchester and less than an hour from Leeds, York, Lincoln and Sheffield.

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



New Grimsby
Centre for
September
2023

YOUR HETA CONTACTS

Careers

Email: careers@heta.co.uk

Centre's:

Hull:

Email: admin@heta.co.uk

Address: 27-31 Dansom Lane, Hull, HU8 7LA.

Phone: 01482 826635

Grimsby:

Email: admin@heta.co.uk

Address: Pioneer Business Park, Newton Way,
Stallingborough, Grimsby, DN41 8FJ.

Phone: 01469 420770

Scunthorpe:

Email: admin@heta.co.uk

Address: Unit 3 Ram Boulevard, Foxhills Industrial
Estate, Scunthorpe, DN15 8QW.

Phone: 03303 331501

Recruitment:

Email: recruitment@heta.co.uk

Phone: 01482 826635

School Engagement and Marketing Coordinator:

Name: Freja Applegarth

Email: freja.applegarth@heta.co.uk

Phone: 01482 372488

Mobile: 07484 072067



WHY CHOOSE AN APPRENTICESHIP?

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

HETA allows your students to build their confidence by learning to work hard, take on responsibility and develop problem-solving skills. Working with an employer, we will ensure that your child is 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

Your students' will be trained by engineers who know the industry inside-out.



Earn while you learn

Your students' will be paid the National Minimum Apprentice Wage or above by their employer.



Receive a qualification

Your students' apprenticeship will be funded by the government and their employer.



Career progression

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

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

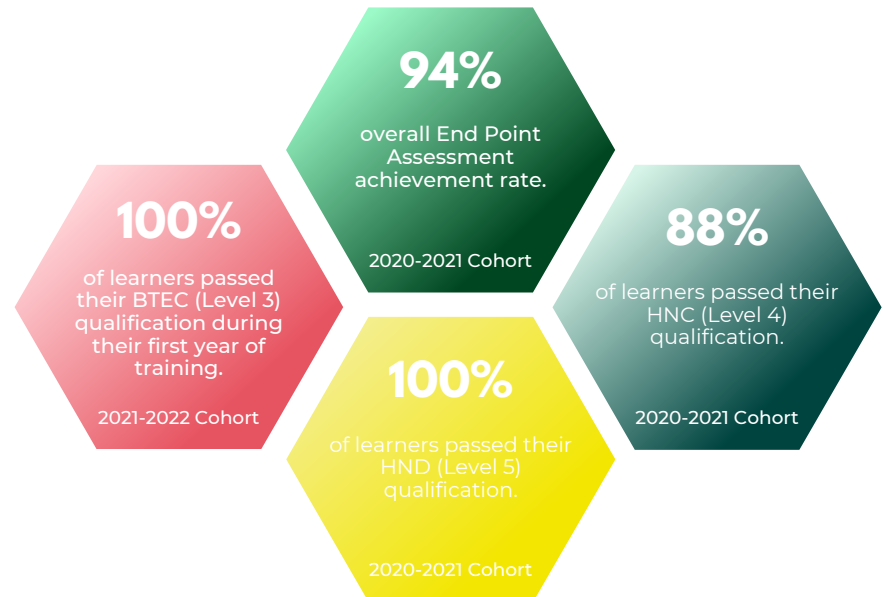


We collaborate with close to 350 companies across the UK, and overall they rate us as **'Excellent'**.*

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.

*Gov 2021

At all levels of our engineering training delivery, we have a proven track record of excellence:



We take immense pride in offering our 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. This collaboration opens doors for their continuous growth and sets them on a path towards greater professional achievement.

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





**The average
first year wage
for an
Engineering
Apprentice is
£13K**

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 child's career.

Please be aware that not all apprenticeship programs can be studied at every centre. The program specific to each centre will be indicated by an initial at the bottom of the page.

* 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 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.

Fabricators can 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



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 your child the opportunity to earn a living, gain valuable work experience, and potentially get their foot in the door of one of the fantastic companies we work with right out of the gate.

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

Machining Programmes:

- 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 their apprenticeship these skills will help your students 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 Drafts Person
- Level 3 Engineering Fitter (Hull only)



INSTRUMENTATION

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

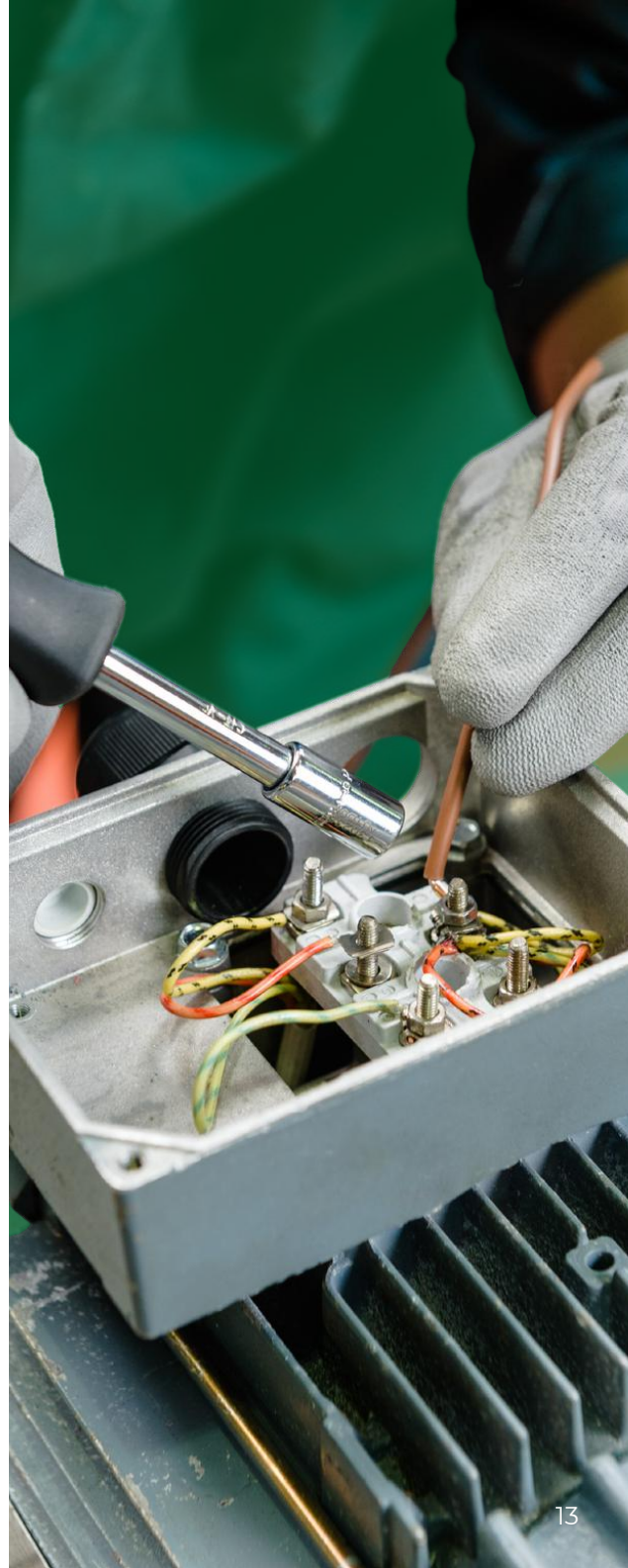
Their work is essential to the safe and efficient operation of facilities such as chemical plants, refineries, power plants, food processing factories and pollution control organisations.

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.

Instrumentation Programmes:

- Level 3 Maintenance and Operations Engineering Technician



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 their apprenticeship these skills will help learners to establish a rewarding career in a range of industries such as cosmetics, food and drink and oil and gas.

Whatever the industry, learners will be responsible for the entire production process of a factory, chemical plant, refinery or another industrial facility!

Process Operations Programmes:

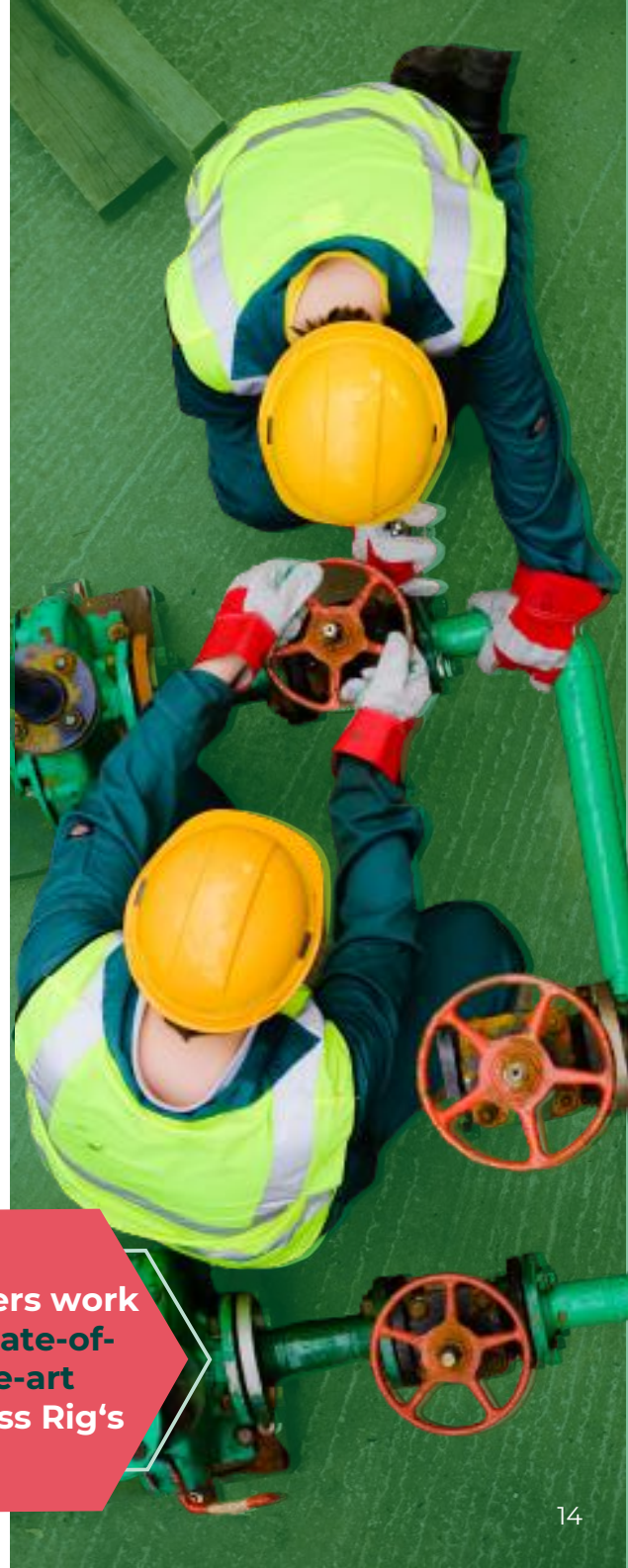
- Level 3 Maintenance and Operations Engineering Technician

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.

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Learners work on state-of-the-art Process Rig's



TRAINEESHIPS

Companies recruit at different times of the year. Some companies are unable to commit to an apprentice around the time of our initial intake, but do look to offer employment to a learner during their first year of training.

Applicants that show a commitment to learning may be offered a traineeship placement. This means that learners starting at HETA as a trainee will follow one of the programmes without a sponsored company and will be put forward to suitable employers throughout the year. All trainees will follow the same curriculum as our apprentices.

89% of trainees
progressed onto a Level 3
Apprenticeship Programme

2020-2021 Cohort





Throughout your students time as a Trainee at HETA, our focus extends to honing essential employability skills like effective CV writing and interview preparation. These abilities are paramount to your student presenting themselves as an appealing candidate and being ready for the job opportunities that lie ahead.

We are dedicated to not only enhancing your child's technical expertise but also molding them into a self-assured professional, equipped to excel in the sector.

We recognise the financial challenges of commuting when on a traineeship and therefore will reimburse your child's travel expenses to and from the training centre.



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

Robbie Bales, Multiskilled Engineer at Maizecor Food Ltd



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 your student a practical grounding before completing a degree at university.

At HETA, our learners education is our top priority, and our industry experts teach these programs in state-of-the-art facilities to ensure they have the greatest chance of success.

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.



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.



OUR EMPLOYERS

We are proud to work with over 400 companies across the Humber region in the engineering and manufacturing industry including:

Manufacturing



Food & Drink



Energy & Utilities



Packaging



Gas & Oil



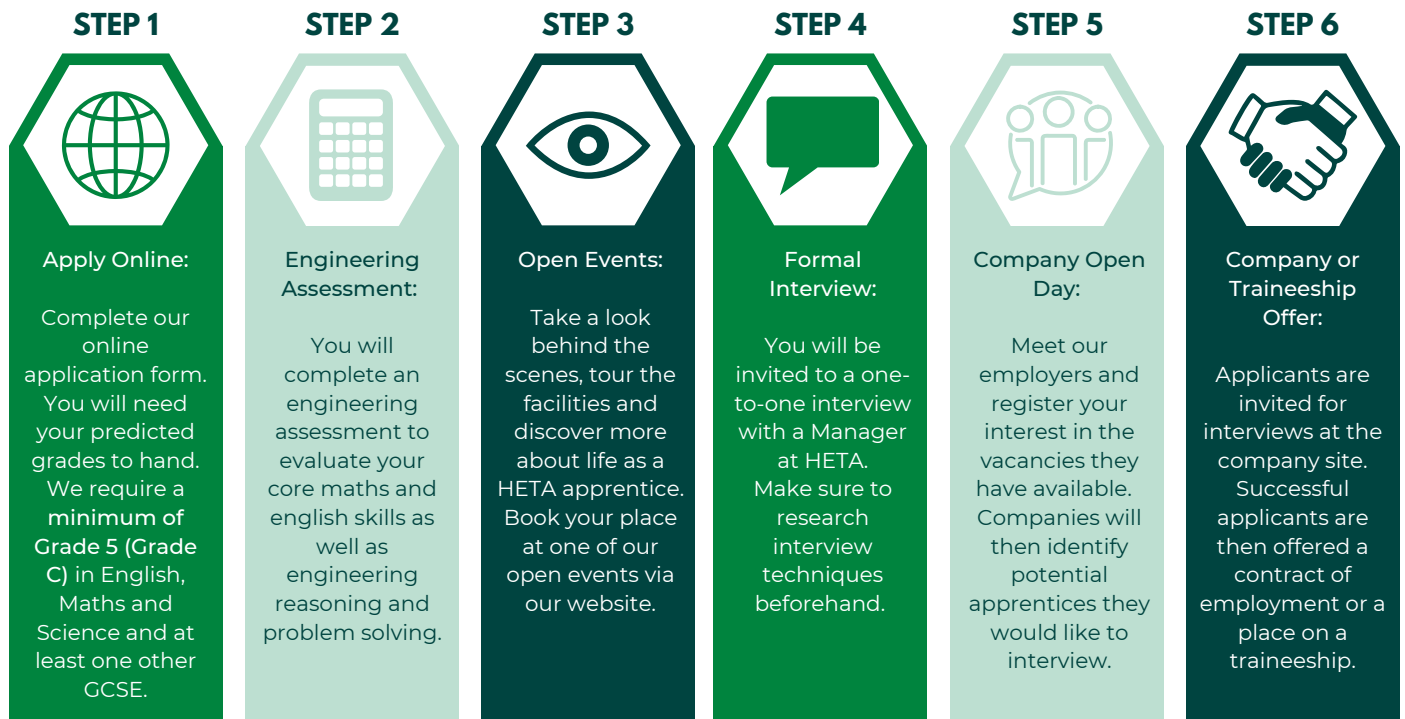
Pharmaceutical



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.



Apply online at: www.heta.co.uk

SCHOOL ENGAGEMENT

As part of our schools engagement programme we aim to provide students with quality information, advice and guidance about HETA and our apprenticeship programme.

Our work with schools and colleges and other educational providers supports young people to build their knowledge, understanding, develop their skills, and explore the exciting, diverse world of engineering.

Our dedicated staff offer a range of **free** activities including:

- Aspirational talks
- Employability Sessions (CV Writing, Interview Techniques)
- Careers Exhibitions
- Taster Days (Practical workshops at the HETA training centres)
- Work Experience

All of these activities align with the **Careers strategy**, supporting education to meet the **Gatsby Benchmarks** for good careers delivery.

Contact us today to find out more information on **School Engagement**





**Attending an
Open Evening
is a compulsory
part of our
application
process**

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 your students with an insight into life at HETA and to address any inquiries they might have regarding the application process and the nature of apprenticeships offered by us.

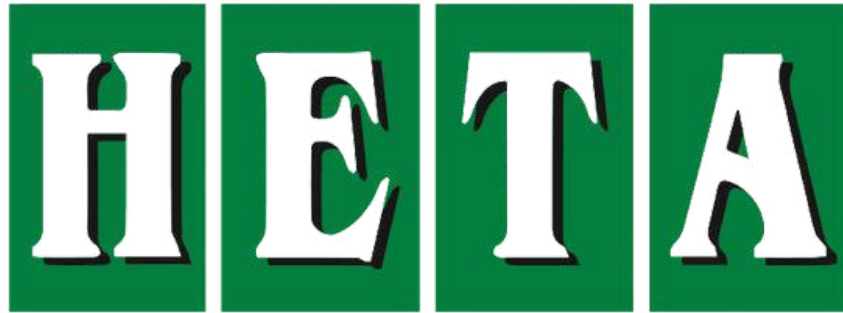
For enquiries about Work Experience, please contact a member of our team today.

Dates for Open Evening's and Taster Day's can be found on our website:



Dates now available
for 2023/2024





Engineering The Future

Email: recruitment@heta.co.uk

Hull: 01482 826635

Stallingborough: 01469 420770

Scunthorpe: 03303 331501



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www.heta.co.uk