

- Engineering UTC
- Northern
- Lincolnshire

Your future  
in STEM  
starts here

Engineering UTC  
Northern  
Lincolnshire

# Your Guide to the ENL UTC

KS3-KS4 **#SkilledForLife**



Student Entrance



# Welcome to the ENL UTC

“I am exceptionally proud to introduce you to the Engineering UTC Northern Lincolnshire. Our mission is simple: we work to fill the STEM skills gap by equipping our students with everything they need to be the engineers of tomorrow.

Based on Carlton Street, Scunthorpe, we are proud to be the areas first school dedicated to providing a specialist STEM education for 13-19 year olds. Our £12 million campus was opened in September 2015, complete with workshops, labs and classrooms dedicated to specialist engineering and digital equipment. Since opening, we have helped to secure excellent destinations for our students, including high level engineering apprenticeships, university placements and full-time positions: a trend that saw 100% of both our 2018 and 2019 summer leavers secure a successful destination!

In the past two years alone we have received a Good Ofsted rating and have become one of the fastest growing small UTCs in the country, showcasing our commitment to creating excellent relationships.

By providing an exciting, employer-shaped curriculum that connects education directly to industry, it allows our students to gain much more than the traditional

GCSE and A Level qualifications. Through our unique links with industry partners from around the region, students are able to explore, evaluate and justify the best solutions to real-world engineering problems whilst gaining the support and advice from a variety of different employers.

We are passionate about providing an environment where culture, employability skills and personal development is at the heart of everything we do. We look forward to continuing our work to help raise achievement and aspiration of our young people whilst further establishing the Engineering UTC Northern Lincolnshire as a dynamic and unique educational institute.

I hope to meet you soon!”

**Anesta McCullagh**  
Principal

*Anesta McCullagh*



# Contents

What you will find in your Guide to the ENL UTC.

A Message From Our Principal	02	Skills Building	12
National UTC Stats	05	Dress Code and Equipment	14
Where Can a Career in STEM Take You?	06	Our Way	18
Our Curriculum	08	The ENL UTC Building	20
ENL UTC Industry Partners	10	Apply Now	22

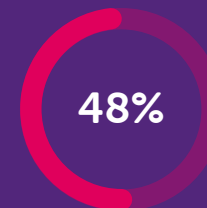
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# ENL UTC Destinations

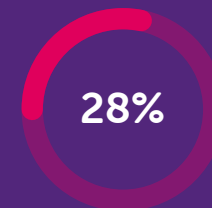
Based on ENL UTCs summer 2019 year 11 leavers



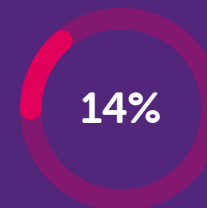
of our students have stayed in education, begun an apprenticeship or gained full time employment with training



returned to the ENL UTC for post-16 studies. 71% choosing our Level 3 Pathway



of students went onto further education with local providers



gained full time employment with training



started an apprenticeship. 50% being at a Level 2 with an ENL UTC industry partner

# Where Will a Career in STEM Take You?

From chemical engineering and products design to computer science and aerospace engineering, there are hundreds of jobs that require **STEM** skills.

For now, we have listed just 40 of the exciting job roles available within these sectors. Where will a career in STEM take you?

Atmospheric Chemist

Nutritionist

Product Designer

Astronomer

Computer Scientist

Software Tester

Transport Engineer

Interior Designer

Energy Conservation Engineer

Cosmologist

Genetic Engineer

Robotics Engineer

Materials Scientist

Electrical Engineer

Chemical Engineer

Geoscientist

Animator

Computer Programmer

Geohazard Specialist

Environment Physicist

Cybersecurity Specialist

Climate Engineer

Certified Ethical Hacker

Civil Engineer

Marine Engineer

Astronaut

Bionics Engineer

Biochemist

Aerospace Engineer

Flight Simulator Technician

Radiation Protector

Acoustics Engineer

Application Software Developer

Industrial Engineer

Sound Effects Engineer

Games Designer

Conservation Scientist

Meteorologist

Sports Scientist

Cryogenics Engineer

# Our Curriculum

Making the decision to move school at 13 is significant but so are the decisions you are making right now about your GCSE's and ultimately your future career.

Connecting education to industry through the combination of academic, technical and practical studies, the ENL UTC curriculum is designed specifically to help you build the qualifications, knowledge and skills employers need now, and are looking for in their future workforce.



## Year 9 – KS3

### Core subjects:

- English Language and Literature
- Maths
- Physics, Chemistry and Biology
- PE
- PSHE
- Finance
- Enrichment

Year 9 students experience an introduction to engineering, industry-specific projects and enrichment activities throughout the academic year.

## Year 10 & 11 – KS4

### Core subjects:

- English Language and Literature
- Maths
- Physics and Chemistry
- Systems Control in Engineering
- Engineering Manufacture
- PE
- PSHE
- Enrichment

### Current optional subjects:

- Language for Business
- Biology
- Engineering Design

Year 10 and 11 students have a multitude of opportunities throughout each academic year to get involved in industry-based projects and employer engagement activities.

# Work Alongside Industry Experts

Industry partners are an integral part of the ENL UTC and are involved in the day-to-day life of the school, offering support in a variety of ways:

- Industry-based projects designed specifically for our curriculum
- Health and safety talks
- Business lunches and speed networking
- One-to-one mentoring
- University and site visits
- Work placements
- Skills building in our workshops
- Mock interviews
- Sponsored PPE and school equipment

## Our Core Five



UNIVERSITY  
OF HULL

Orsted

TRONOX

ABP

KEEPING BRITAIN TRADING



# Careers and Employability

*As a University Technical College (UTC), employer engagement is a core element throughout our curriculum. More than ever before, our young people need to understand the world of work and key employability skills to put them at the forefront of sustainable employment and higher education opportunities. Skills and qualifications go hand-in-hand and through our exciting programme of careers interventions, experience of work and real-world industry projects our students have a keen understanding of the local and national labour market. These high-impact activities drive aspirations which in turn lead our students to exciting future destinations.*

Jen Vincent





# Skills Building

At the ENL UTC, you will get the opportunity to build key skills through a range of industry-based activities and opportunities which are scheduled on a regular basis. These include the following:



Health and safety training



PE sessions led by specialists



Shows, Career Fairs & Exhibitions



Visits to partner sites



Mentoring sessions



Careers advice and work placements



Visits from industry experts



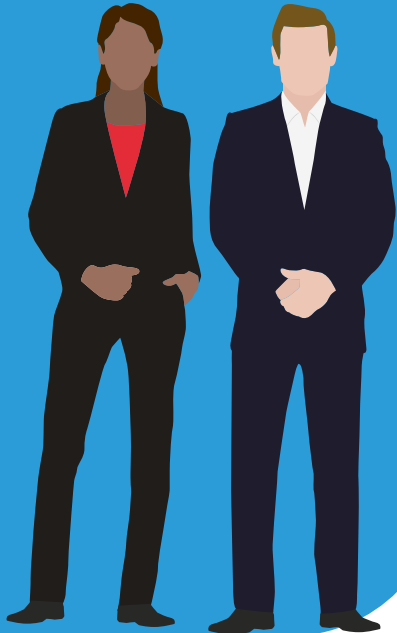
Enrichment activities



Practical workshop lessons

# Dress Code and Equipment

The ENL UTC dress code forms an important part of creating a modern, successful setting that strikes a balance between individual choice and the need to maintain high standards. Alongside this, having the right equipment ensures a professional and responsible approach to learning.



## Female

- Trouser suit or knee length skirt/dress
- Appropriate tops/blouses (low necked, vest or crop tops are not suitable)
- Smart flat shoes or boots (heels or open toe shoes not permitted)

## Male

- A smart suit
- Long or short sleeve shirt (colours are permitted)
- A tie is preferred but optional. Students must have a tie with them at all times for employer engagement opportunities.
- Smart polished shoes or boots



## PE

- Plain polo top
- Black sport shorts
- Plain black knee length games socks
- Trainers with non-marking soles



## Additional Points to Note

- Words and diagrams on clothing should not be visible unless a company logo
- If a jumper is worn underneath a suit, it must be plain and feature no logos, drawings or writing
- Attire should be professional and suitable for a workplace, no offensive language or diagrams
- Outer coats and scarves to be removed inside the building
- No jewellery is permitted, other than a watch and plain studs
- Make up should be subtle and no acrylic nails
- All PPE equipment and clothing is provided by the ENL UTC and is available in our workshops and labs.



## Basic Essential Equipment

- Blue or black pen
- Red pen
- Pencil
- Ruler
- Eraser
- Culture passport (provided)



## Gold Standard Equipment

This equipment will further support you within the ENL UTC. Awards will be given for students who meet this standard regularly.

- Reading book of choice
- Protractor and compass
- Highlighter
- Scientific calculator, we recommend model Casio FX-83GT Plus



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# Our Way

At the ENL UTC we are **professional, responsible and loyal.**

At the heart of our behaviour policy is the view that relationships matter. Whilst we have clear boundaries and routine, we focus on the positive behaviour – the things that show we are going above and beyond to support our school, our futures and each other. These behaviours, values and principles are shared with our industry partners to best prepare our students for their future careers.



## Professional

To excel and be the first in the queue for the best opportunities, we encourage students to display business behaviours. For example, we shake hands at the door, we dress smartly, we are punctual, we are ready to learn and we are always appropriate in actions and words. It takes seven seconds to form a first opinion: we want our students to make sure the impression they make is positive and lasting.

For our full behaviour Management Policy, please visit our website



## Responsible

At the ENL UTC, we encourage students to take responsibility for themselves and their learning. Through restorative conversations, we encourage students to consider the impact of their actions and ways to resolve this long term. We also work with students to support them in taking control – not only of their behaviour, but their futures, which is key to employability.



## Loyal

At the heart of all we do is the belief that we are all members of the same team. Every student and staff member is supported and encouraged to achieve their best. We have 100% positive regard for each other and work together to make the ENL UTC the best place on Earth to work and study!

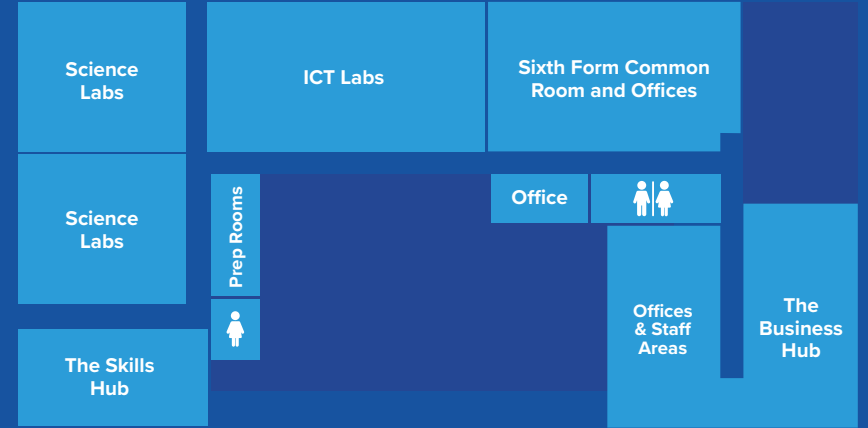
# The ENL UTC Building

Based on Carlton Street, in the centre of Scunthorpe and close to both bus and train stations, the ENL UTC is split across three vast floors and offers a learning environment like no other in the region.

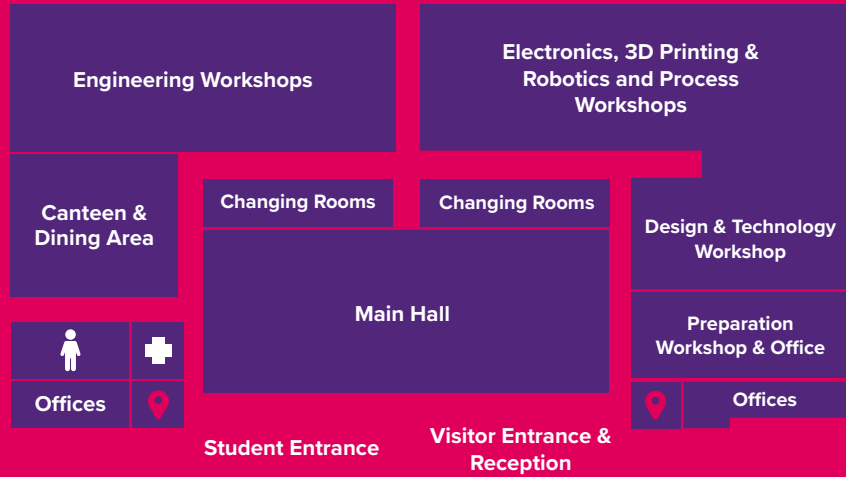
When you arrive, make sure to come in via the Students Entrance.



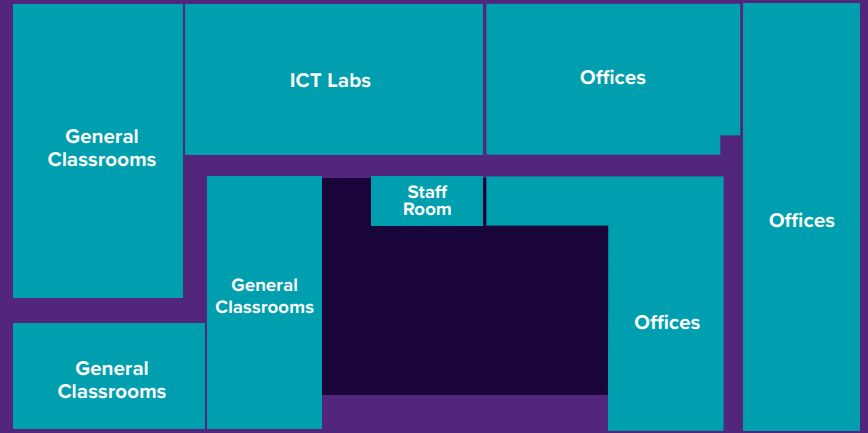
## 1 First Floor



## G Ground Floor



## 2 Second Floor



# Apply Now

Applications to join our year 9 cohort are open, please visit our website to complete an online application form. Our application process is summarised here.

## 1 Open event, tour and/or STEM workshop

Attending an open event, tour and/or STEM workshop is essential for all new applicants to discover more about life at the ENL UTC and what sets us apart from other schools and colleges in the region. Please visit our website for upcoming events or contact [info@enlutc.co.uk](mailto:info@enlutc.co.uk) to book a tour of our facilities.

## 2 Online application form

To apply for a place at the ENL UTC please visit our website to complete an online application form. All forms must be completed by both the prospective student and parent/carer due to the information that is required.

## 3 'Getting to know you' meeting

All applicants and parents/carers will be invited to attend a 'Getting to know you' meeting. The meetings are informal and are designed to prepare our students for their new start in September, not to consider a place.

## 4 Welcome pack and transition session

Following all the above, an invitation to a transition session will be sent out to all applicants along with a digital welcome pack.

**Engineering UTC**  
**Northern Lincolnshire,**  
Carlton Street,  
Scunthorpe,  
North Lincs,  
DN15 6TA

\*For further information regarding the ENL UTC  
please visit our website.

**@ENLUTC**



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