



**North  
East  
Futures  
UTC**

**Student  
Prospectus  
2023 –  
2024**

# Contents:

Welcome to North East Futures UTC	<b>03</b>
Why Choose North East Futures UTC?	<b>04</b>
The Key Stage 4 Programme	<b>06</b>
The Key Stage 5 Programme	<b>08</b>
Specialisms: Digital Technology and Health	<b>10</b>
Great Opportunitites for Women and Men in STEM Careers	<b>11</b>
Mentoring and Work Experience Programmes	<b>12</b>
Our Amazing UTC Environment	<b>14</b>
A Typical Year 10 Day	<b>16</b>
Who is the UTC for?	<b>17</b>
Next Steps	<b>18</b>
Enrolment	<b>19</b>

# Welcome to North East Futures UTC

In September 2023 we look forward to welcoming our sixth cohort of Year 10 and Year 12 students to the UTC. We have partnerships with a range of exciting businesses and organisations such as Sage, Ubisoft, Accenture, the NHS and the University of Sunderland. These organisations enrich the student experience by offering cutting edge projects and invaluable opportunities such as work experience placements, guest speakers and sponsorship. This helps our students achieve a broad range of academic qualifications and we aim for our students to rank amongst the most employable young people in the country.



**Daniel Sydes,  
Principal**

From the outset I have felt the excitement of being part of a new and different school with close links to employers in the healthcare, life sciences and digital technology sectors – sectors that are growing very strongly in the North

East. Our students are in regular contact with people working in these companies, helping them make more informed choices of career whatever route they choose to take into employment.



**Professor Michael Whitaker  
FRSA FRSB FMBA FMedSci  
Chair of Local Governing  
Board, North East Futures  
UTC Governor, Tyne Coast  
Academy Trust**

# Why Choose North East Futures UTC?

“

support and backing from local, high-profile industry partners and employers.

”

Supported by:





North East Futures is located in Stephenson Square, next to Newcastle Central train station and Metro stop

“  
**“My daughter started in year 10 and has stayed on to 6th Form. This is the best decision we have made, we’ve never looked back.**  
 ”

***Current Parent***

Our UTC is different from other schools because it has unique support and backing from local, high-profile industry partners and employers. They have been involved in the establishment of the UTC from the start and are helping develop and support our curriculum. The UTC is sponsored by the University of Sunderland and has academic partnerships with all 5 North East Universities who help make sure that we really can offer students the best of both worlds:

technical and academic.

This means you can take advantage of the UTC’s specialist subjects while still taking the GCSE and A Level courses that you would at an ordinary school. North East Futures UTC is for Students aged 14-19, as this is the age when you’ll have a better idea of what you are really interested in and whether you would enjoy learning in a more high-tech environment.

The Healthcare Science and Technology industries are two of the

largest and fastest growing in the North East with thousands of vacancies for skilled young people to fill. These are good, well paid and future-proofed careers with lots of career development opportunities. We will assist all UTC students in finding the right career for them.

But school life is not only about preparing for the future: we want you to love coming to school and to feel proud and excited to follow your education in such an amazing setting.

# The Key Stage 4 Programme

Years 10 and 11 at North East Futures UTC will provide you with a completely different school experience. However, it is still based on a core of vitally important lessons and qualifications: →

## CORE SUBJECTS

Mathematics (1 GCSE)

English Language, English Literature (2 GCSEs)

Biology, Chemistry, Physics (3 GCSEs)

Computer Science (1 GCSE)

Personal Development (non GCSE)

## UTC EXTRA

Technical Healthcare Science

Technical Computer Science

Enrichment

Health and Fitness

## GCSE OPTION\*

Enterprise and Marketing (1 GCSE)

*Or*

Art (1 GCSE)

*Or*

Geography (1 GCSE)

*Or*

History (1 GCSE)

## ENRICHMENT COURSES

Music, Coding, Sports Clubs, Games Clubs  
and much more.

The UTC curriculum is enriched with regular access to Project-Based learning where students 'drop down' from their normal lessons to do industry-led real world projects. Project-Based learning helps students understand the 'real-world' of work and develop the skills they need to get ahead. Students will end key stage 4 with a fantastic set of GCSE results, a unique CV and the professional skills to take them to the next stage of their career.



\* Students who wish to achieve the EBacc may be able to choose 2 options

# The Key Stage 5 Programme

Flexibility is at the heart of our approach to the Sixth Form curriculum. You will choose 1 of 2 main pathways, but we will ensure that your individual interests and capabilities are taken into account as we agree with you which pathway you will follow. →



**Both pathways include a 'UTCness' package of meaningful work experience, industry mentoring, career guidance and project based learning.**

Students are also encouraged to participate in additional Enrichment and Health & Fitness activities.

All Post 16 students are expected to complete a minimum of two weeks work experience.

All students will be expected to develop their employability skills and keep a good record of the UTC work they do. 100% of our Y11 and Y13 leavers have successfully advanced on to their next destination.

---

## ACADEMIC PATHWAY

**CHOOSE 3 OR 4 FROM THE BELOW**

Physics A Level (6+ needed in Science / Physics GCSE)

Chemistry A Level (6+ needed in Science / Chemistry GCSE)

Biology A Level (6+ needed in Science / Biology GCSE)

Mathematics A Level (6+ needed in Maths GCSE)

Further Mathematics A Level (7+ needed in Maths GCSE)

Computer Science A Level (6+ needed in Maths / Computing GCSE)

English A Level (6+ needed in English GCSE)

Art A Level (6+ needed in Art GCSE)

Psychology A Level

Medical Science (Level 3)

Cambridge Technical IT (Level 3)

**Entry requirements 5 + GCSEs grade 4+ including English and Maths**

---

## TECHNICAL PATHWAY:

English and Maths GCSE Re-sit (if needed)

Cambridge IT (Level 3)

Medical Science (Level 3)

Extended Project

Core Maths

**Students may have the flexibility to choose subjects from both pathways**

**Please contact the UTC if you do not have 5 GCSE grade 4+ to discuss this pathway.**

---

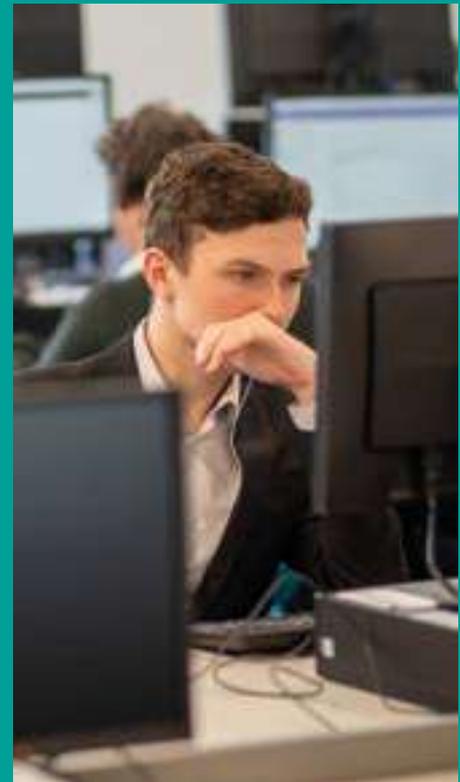
# Specialisms: Digital Technology and Health

The rapid development of digital technologies is transforming the way we live and work. The North East is at the forefront of change in the digital sector. Students may choose to specialise in software development, software testing, cyber security, data science, gaming technologies, VR or AR or many other career paths.

Digital and IT disciplines are now essential in many health applications, including bioinformatics, genomics and big data applied to healthcare and medicine. The demands of our regional digital and IT economy are

diverse and increasing, with several thousand vacancies currently and set to increase.

With our health specialism, UTC students are likely to progress into a range of medical professions and careers, including Medicine, Pharmacy, diagnostics, medical imaging, cardiology, audiology and many many more. The UTC supports students in understanding the huge variety of career opportunities in Health and Science. The North East is at the cutting edge of innovation in areas such as genomics and aging and there are many opportunities for exciting future-proofed careers.



# Great Opportunities for Women and Men in STEM Careers

Our specialist sectors tell a fantastic story about the opportunities on offer to young people. The 2019 Tech Nation Report shows phenomenal growth in the contribution of our region to the UK digital economy and the latest PWC report shows the average advertised salary in digital roles as 36% higher than the national average salary. Not only does the NHS (the fifth largest employer in the world!) employ more people in the North East than elsewhere in the country, but the North East's remarkable Pharmaceutical industry

also makes a disproportionately high contribution to the UK economy. However, employers are increasingly struggling to recruit people with the right skills – and that's where we come in!

These are exciting and rewarding jobs offering the opportunity to make a real difference to the world.



“  
50% female students in NEF  
UTC in 2022  
”

# Mentoring and Work Experience Programmes



### **Mentor Programme**

All students receive regular mentoring from an industry professional at the UTC. Twice termly meetings (totalling six hours per year), helps them gain real insight into the world of work.

Practical advice about expectations, first impressions, CV and personal statement writing, interview techniques and simply being a sounding board to their ideas can be valuable, helping to build self-esteem and maturity.

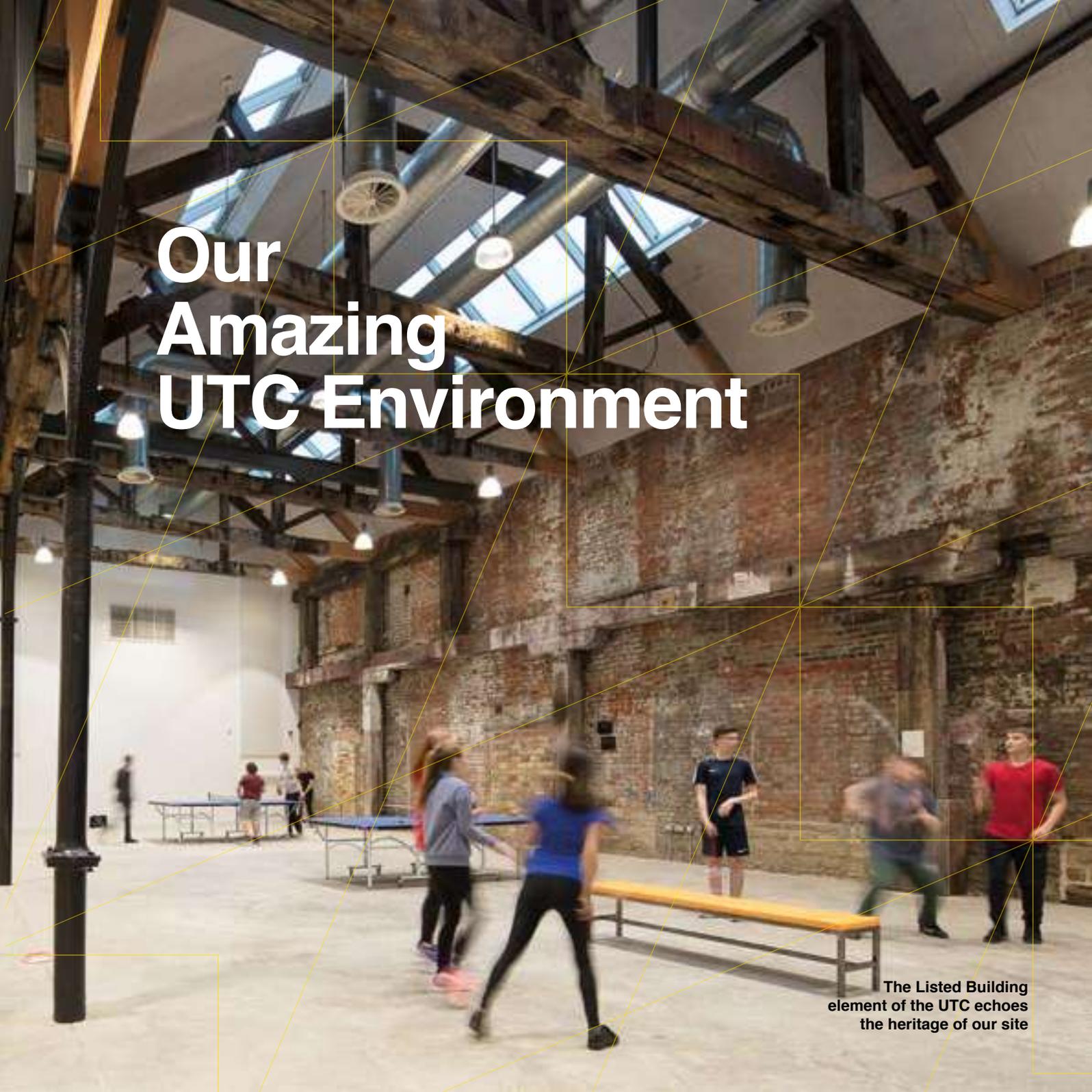
### **Work Experience**

Students undertake two placements at Y10 and Y12 (ages 14/15 and 16/17) for periods of one week and two weeks respectively.

We coordinate with our Partners to ensure that the placement is appropriate for both parties, with the intention of creating meaningful relevant experience.

“  
Developing young people with current skills for the marketplace, helping them achieve their aspirations and hopefully support economic re-generation in the region.

” **NE Futures Mentor**



# Our Amazing UTC Environment

**The Listed Building  
element of the UTC echoes  
the heritage of our site**



North East Futures UTC is based in the Stephenson Quarter in Newcastle upon Tyne, in the historic industrial heart of the city, now thriving with new development. We believe that this is a place where the region's young people can be proud and excited to come to school. Located behind Central Station, the UTC is easily accessible

by rail, bus or Metro. The Quarter takes its prestigious name from the Robert Stephenson and Co. Locomotive Works which were based there, and where the famous Rocket was built in 1829. This legacy of technology, innovation and creativity is central to our UTC – an exciting and stimulating place to learn, inspire, work and grow.

“

I wouldn't have developed these skills if it wasn't for the UTC. It has helped me to become more work life ready

”

*Current Student*



# A Typical Year 10 Day

Some days at the UTC are all about making good academic progress in your chosen courses. Other days are about engaging with our industry partners through exciting projects and developing your work-ready skills.

9:00 – 9:20	Tutor Time
9:20 – 10:10	GCSE English
10:10 – 11:00	GCSE Maths
11:00 – 11:20	Break Time
11:20 – 12:10	GCSE Chemistry
12:10 – 13:00	GCSE Computer Science
13:00 – 13:30	Lunch Time
13:30 – 14:20	Personal Development
14:20 – 15:10	Independent Learning Time
15:10 – 16:10	Enrichment

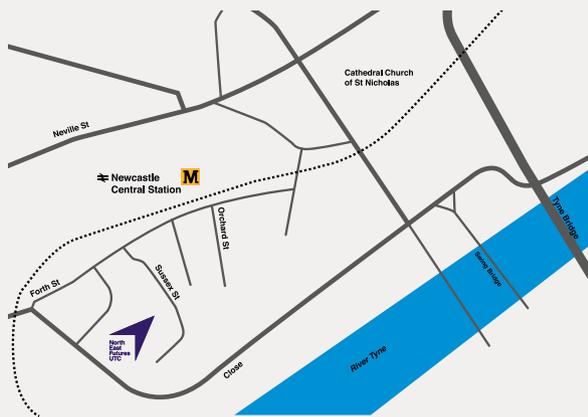
# Who is the UTC for?

- 14-19 year olds with an interest in a career in Digital Technology or Health Care Science
- All abilities and backgrounds
- Students from all areas in the North East

## Travel and Finance

The UTC Travel Support Scheme helps families with the costs of travel.

More information is available on the UTC website.



# Next Steps

**Apply now** for your place in September 2023 at [www.nefuturesutc.co.uk/apply](http://www.nefuturesutc.co.uk/apply), or email us at [info@nefuturesutc.co.uk](mailto:info@nefuturesutc.co.uk) for a paper copy of our application form. Moving to a new school is a big decision and the UTC team is on hand to answer all of your questions, please contact [info@nefuturesutc.co.uk](mailto:info@nefuturesutc.co.uk) to arrange a meeting with the senior team

## What happens next

After you apply, the UTC will send you a registration form to complete the application stage for your child.

Once completed and returned, this holds your application until offer stage, for September 2023.

All applications should be received by 31st January 2023. In the meantime, we advise families to connect to the UTC via our social media channels to keep up to date with the latest UTC news.

**Please follow the UTC on social media channels and share our content with friends and family**

 [NEF.UTC](https://twitter.com/NEF.UTC)

 [facebook.com/NorthEastFuturesUTC/](https://facebook.com/NorthEastFuturesUTC/)

 [linkedin.com/company/nefuturesutc/](https://linkedin.com/company/nefuturesutc/)

 [nef\\_utc](https://instagram.com/nef_utc)

# Enrolment

**Apply now for your place at NE Futures UTC**

**[www.nefuturesutc.co.uk/apply](http://www.nefuturesutc.co.uk/apply)**

## **Have you**

Got all the information you need to ensure the UTC is right for you

---

Contacted us if you want to find out more

---

Completed the application form at [www.nefuturesutc.co.uk/apply](http://www.nefuturesutc.co.uk/apply)

---

Received acknowledgment of your application and completed your UTC Registration Form

---

Met the UTC Team to discuss your application and attended UTC Events

---

Received your offer of a place (from February 2023 onwards)

---

Accepted your offer by the deadline provided (from February 2023 onwards)

---

The logo for North East Futures UTC features a stylized, dark blue arrow pointing upwards and to the right, with a white square cutout at its base. To the left of the arrow, the text "North East Futures UTC" is written in a bold, sans-serif font, stacked in four lines.

North  
East  
Futures  
UTC

North East Futures UTC  
Stephenson Square  
Stephenson Quarter  
Newcastle upon Tyne  
NE1 3AS

**nefuturesutc.co.uk**

0191 917 9888

info@nefuturesutc.co.uk

 NEF.UTC

 facebook.com/NorthEastFuturesUTC/

 linkedin.com/company/nefuturesutc/

 nef\_utc