



**North
East
Futures
UTC**



**Student
Prospectus
2021 –
2022**

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Welcome to North East Futures UTC

In September 2021 we look forward to welcoming our fourth 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:





“
**follow your
education in an
amazing setting**
”

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

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)

SPECIALIST TECHNICAL

Technical Health Care Science

Or

Technical Computer Science

GCSE OPTION*

Enterprise and Marketing (1 GCSE)

Or

Art (1 GCSE)

Or

Geography (1 GCSE)

Or

History (1 GCSE)

WIDER LEARNING

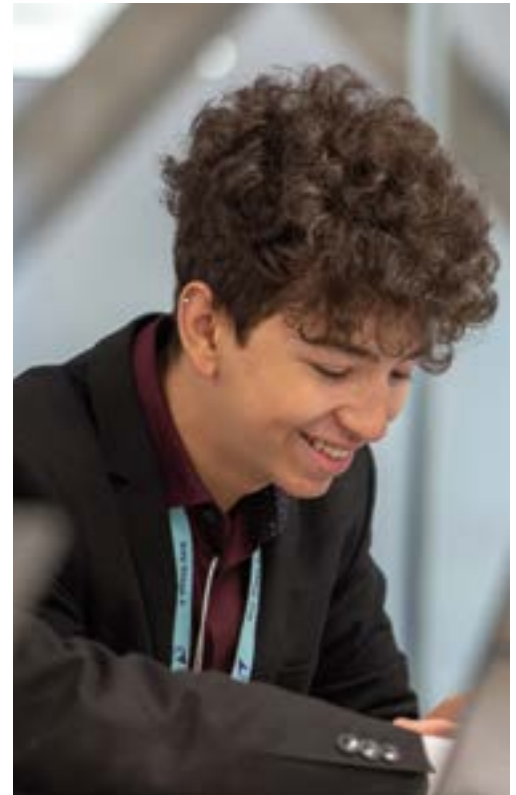
Health and Fitness

Personal Development

ENRICHMENT COURSES

Music, Duke of Edinburgh Award, Languages, 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 activity.

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. Students in Post 16 have 2 pathways to choose from.

LEVEL 3/A LEVEL 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)

Psychology A Level

Medical Science (Level 3)

Cambridge Technical IT (Level 3)

Extended Project

Core Maths

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

PATHWAY TO APPRENTICESHIP:

Science (Level 2)

Cambridge Technical IT (Level 2)

Functional English and Maths (including GCSE resit if needed)

Entry requirements – a passion for Science or Technology

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

“
45% female students in UTC
Year 11 cohort in 2020
”

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.





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 and relevant experience.

“

The mentoring session is by far the most intense and impactful hour I spend in every month. It could not be a more rewarding experience.

”

Mary Youngs Technology Consultant and NE Futures UTC 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.

“

an exciting and stimulating place to learn, inspire, work and grow

”



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 – 9:50

GCSE Mathematics lesson

9:50 – 10:40

GCSE English lesson

10:40 – 11:00

Break time

11:00 – 12:40

Dedicated specialist time

12:40 – 13:30

Independent learning time

13:30 – 14:10

Lunch

14:10 – 14:30

Pastoral support time

14:30 – 17:00

Drop down afternoon project with UTC business partners

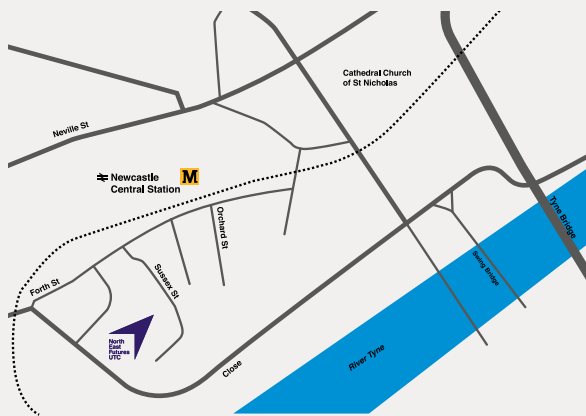
Who is the UTC for?

- 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 2021 at www.nefuturesutc.co.uk/apply, or email us at 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 to arrange a meeting with the senior team.

What happens next

After you apply the UTC will send you a registration form for your child. Once completed and returned this secures your place at the UTC for September 2021. In the meantime we advise families to connect to the UTC via social media to keep up to date with all the latest UTC news.

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

 **NEF.UTC**

 **facebook.com/NorthEastFuturesUTC/**

 **linkedin.com/company/nefuturesutc/**

 **nef_utc**

Enrolment

Timeline for Applicants:

Make your application online or by post asap

Meet the UTC team to discuss your application after you apply

Offers of a place will be made along with being sent the UTC registration form

Accept your place by returning your completed registration form

Have you?

Got all of the information you need to see if 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

Received your acknowledgement for your application form

Met the UTC team to discuss your application

Received your offer of a UTC place

Accepted your place by returning your completed registration form

The logo for North East Futures UTC features a large, dark blue arrow pointing towards the top right corner. The text "North East Futures UTC" is positioned to the left of the arrow's tail, stacked vertically in a bold, white, sans-serif font.

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