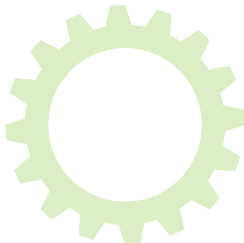


PROSPECTUS 2024-25

ENGINEERING AND DIGITAL
EXCELLENCE FOR ALL



WELCOME TO

UTC HEATHROW

AS YOU APPROACH YEAR 10 OR YEAR 12 YOU'LL BE FACING SOME IMPORTANT CHOICES THAT CAN SET YOU ON THE PATH TO A GREAT CAREER. WE'RE THRILLED YOU'RE CONSIDERING JOINING US TO START THAT JOURNEY.

UTC Heathrow is a University Technical College, which is different to a regular school. Government funded and with a STEM focus, UTCs are designed to provide pathways for young people into academic study and technical careers.

At UTC Heathrow you focus your studies from the age 14 (Year 10) or 16 (Year 12) so that when you progress from education into employment, you are well prepared to start a great career.

With us, you will be able to follow your passion for Engineering or Digital while studying for GCSE, A Level, technical and professional qualifications.

Our trust is supported by our employer partners, who input into the curriculum to ensure our students leave the UTC work ready. You will get the opportunity to work in real-world practical projects with these partners, either as part of your course or in skill-based workshops and challenge days. Students also have opportunities for work placements and apprenticeships.

We are very proud of our multi award-winning Digital Futures Programme, unique to our trust, which offers students pathways into careers within the booming data centre industry, as well as developing skills crucial to any industry.

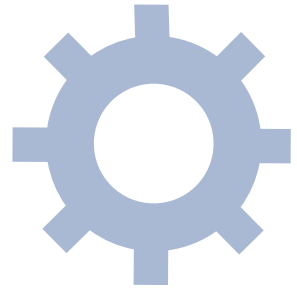
We are confident that students who attend UTC Heathrow are given the best start in a variety of progression routes into employment or higher education. Last year our students went onto university, apprenticeships, sponsored degree programmes or employment.

So if you enjoy learning through doing, want to benefit from the latest technology in learning and be in an environment that feels more like being at work than school, then UTC Heathrow could be for you.

Jas Kallah
Head of School



WHAT MAKES US SPECIAL?



SCHOOL,
BUT DIFFERENT

CONNECTIONS WITH
LOCAL, RENOWNED
COMPANIES

SMALLER CLASS
SIZES

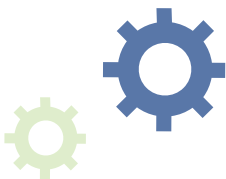
CREDIBLE PATHWAYS
TO A VALUABLE
TECH CAREER

FOCUS YOUR
LEARNING IN EITHER
DIGITAL OR
ENGINEERING

LONGER DAY TO
MIRROR THE
WORKPLACE - BUT
NO HOMEWORK!

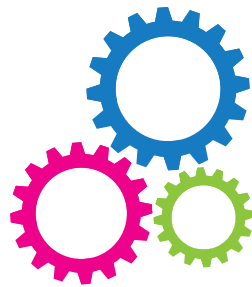
JOIN US IN EITHER
YEAR 10 OR YEAR 12

STATE-OF-THE-ART
TECHNICAL FACILITIES

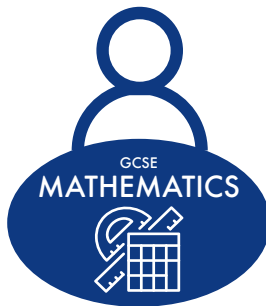


OUR CURRICULUM

YEAR 10 AND YEAR 11



+



+



SPECIALIST OPTIONS



OR



OPTION SUBJECTS



ENRICHMENT



+



+

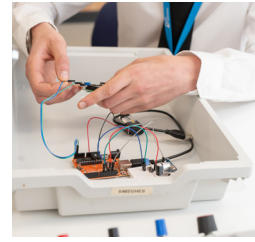


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STUDENTS IN YEAR 10 AND 11 STUDY CORE SUBJECTS ALONGSIDE ADDITIONAL GCSE AND BTEC QUALIFICATIONS.

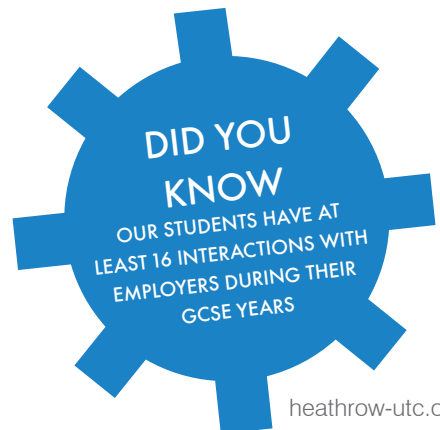
Our curriculum has been developed with employer and university partners to ensure students leave with the qualifications and work-ready skills they need to be able to enjoy fulfilling careers. As well as classroom and individual learning, students take part in real-world projects and work placements.

All our students follow a STEM-based curriculum incorporating our specialisms of Engineering and Digital.

You will follow a core curriculum of GCSEs in English, Maths and Science as well as an additional GCSE and a technical qualification in either Engineering or Digital, equivalent to one GCSE.

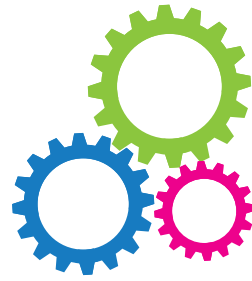
Lessons are delivered predominately through tutor-led seminars, along with project-based learning and employer expert input.

SCAN HERE FOR FURTHER INFORMATION



OUR CURRICULUM

YEAR 12 AND YEAR 13



A LEVEL OPTIONS

MATHEMATICS

PHYSICS

CHEMISTRY

PRODUCT DESIGN

+

COMPUTER SCIENCE

AND/OR

BTEC SUBJECT SPECIALISMS

ENGINEERING

OR

DIGITAL

ENRICHMENT

PERSONAL DEVELOPMENT

+

CAREERS AND FUTURES

+

TRAINING AND DEVELOPMENT

+

SPORT

+

EXTRA CURRICULAR ACTIVITIES



IN OUR SIXTH-FORM YOU WILL WORK TOWARDS EITHER ACADEMIC (A LEVELS), TECHNICAL (LEVEL 3 TECHNICAL QUALIFICATIONS) OR HYBRID (A COMBINATION OF THE TWO).

All three routes of study can lead to university, employment or apprenticeships.

To study at our Sixth Form you need a minimum of five GCSE grades at 4 or above with a grade 6 or above in the chosen A Levels.

Full details of our academic, technical and hybrid pathways are available on our website, but all pathways are equivalent to at least 3 A levels.

OUR EXTENDED
DIPLOMA IN
ENGINEERING COURSE
IS UNIQUE LOCALLY

SCAN HERE FOR
FURTHER INFORMATION



EMPLOYER-LED

LEARNING



We work with a network of local industry partners to design a learning programme which covers not only the core curriculum, but also sought-after technical qualifications.

The UTC programme has a strong emphasis on employer engagement, including real-life project-based learning, which engages students and develops their personal attributes. By the time they leave us, students have already established connections with local employers, applied practical skills through project-based learning and are used to working in a professional environment. This makes them highly employable.

Employer partners are involved in a number of ways, including:

- » leading projects and challenges
- » coaching and mentoring
- » providing work experience opportunities
- » consultancy and advice on curriculum content
- » product and services donations
- » employer accreditations

Digital Futures Programme

Developed at UTC Heathrow, the Digital Futures Programme is training a new breed of engineers for the data centre sector.

Embedded into our core Engineering curriculum, it is delivered by employers from some of the data industry's biggest companies. They all provide elements in the form of masterclasses, challenge days, workshops and projects to equip students with transferrable skills that are in demand around the world.

The Digital Futures Programme has been warmly welcomed in the digital world, winning three global awards in just 12 months.

What will I study?

You will work with employers who will bring their extensive industry experience to teach useful skills in electrical and mechanical engineering, IT, networking, project management skills and problem resolution.



OUR LEAVERS GO
ON TO A RANGE OF
EXCITING DESTINATIONS,
FROM APPRENTICESHIPS TO
UNIVERSITY AND
EMPLOYMENT



DESTINATIONS

**MORE THAN
DOUBLE**

OF OUR Y13 LEAVERS STARTED
APPRENTICESHIPS THAN THE
NATIONAL AVERAGE



84%

OF OUR Y13 LEAVERS ATTENDING
UNIVERSITY CHOSE A STEM RELATED
COURSE, COMPARED TO THE NATIONAL
AVERAGE OF 42%

71%

OF OUR Y13 LEAVERS FROM ETHNIC
MINORITIES WENT INTO HIGHER
EDUCATION, COMPARED TO A
NATIONAL AVERAGE OF 62%



69%

OF OUR Y13 LEAVERS STARTED
UNIVERSITY, COMPARED TO THE
NATIONAL AVERAGE OF 52%

STUDENT SUPPORT

AND PASTORAL CARE



UTC Heathrow students are taught by specialist teachers who often have had industrial or corporate experience before embarking on a career in teaching.

The school offers a strong pastoral care system, allowing each student to be known and developed by every member of staff.

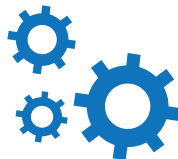
Students are supported by a pastoral team which starts with their tutor and their Head of Year.

Technology

Students learn using leading edge, industry-standard technology in our science labs, engineering workshops and computer science spaces. We believe that it is important that students not only have an in-depth understanding of technology but that they also understand how it is used in a day-to-day environment, so they are continually challenged in IT skills.

Enrichment

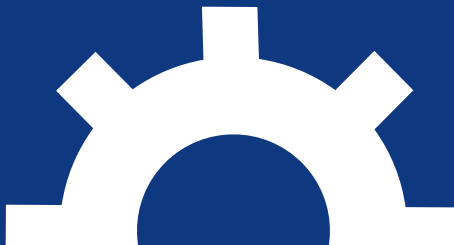
There are plenty of extracurricular activities and clubs for everyone running across the week, including various sports, STEM Club and the construction of a small plane. Our Combined Cadet Force provides fun experiences students are unlikely to get anywhere else, such as sailing and airmanship. As well as making students stand out on their CVs, the CCF develops leadership, teamwork, responsibility, self-reliance and resourcefulness.



Student Leadership Board

The Student Leadership Board (SLB) is at the centre of the school and is actively involved in the decision-making process at UTC Heathrow. The SLB functions like a department within the school with one key objective - to make the students enjoy their UTC experience even more.

Undertaking projects such as 'adapting the uniform policy' or 'creating and launching a new enrichment scheme', the SLB at UTC Heathrow is one of a kind. Students can join the SLB in any year group and can be actively involved in helping to make the school better.



EXTRA

SUPPORT

At UTC Heathrow we support every student to progress and achieve their best. This includes students with Special Educational Needs and Disabilities (SEND). We follow a student-centred approach, and adapt the curriculum in a way that helps students with SEND learn. This includes needs such as: communication and interaction issues, cognitive and learning issues, emotional and social development or sensory and physical needs.

In-lesson support is provided by subject specialist Teaching Assistants and we are fortunate enough to have a dedicated quiet space for students requiring additional support with their studies regardless of their year group.

Our SENDCo would be happy to discuss your specific needs, please get in touch via our website.



OUR CCF PROGRAMME BUILDS
CONFIDENCE AND LEADERSHIP
SKILLS



OUR TRUST

Activate Learning Education Trust is run with the support of industry and academic partners. We transform lives through learning by providing exciting and innovative education for young people.

OUR VISION, MISSION AND VALUES

To 'Transform Lives Through Learning' by igniting confidence, expanding opportunities, energising the community and generating prosperity. Through our Learning Philosophy and core values of empowerment, enterprise, connectedness and transformation, we will provide our students and staff with a safe and supportive environment in which to thrive.



**ACTIVATE LEARNING
EDUCATION TRUST'S CORE
PURPOSE IS TO DELIVER
EXCELLENT TEACHING,
LEARNING AND ASSESSMENT
AND A HIGH-QUALITY LEARNER
EXPERIENCE, UNDERPINNED
BY HIGH EXPECTATIONS
AND FOSTERING HIGH
ASPIRATIONS FOR ALL."**

**Joanne Harper,
CEO Activate Learning Education Trust**



OUR LEARNING

PHILOSOPHY

Our Learning Philosophy shapes our approach to teaching and learning. It recognises three essential elements to effective learning, and helps us ensure our educational experience really supports and challenges students. It guides how lessons are planned

and delivered, how real-world examples are blended with theory, and the independent but supportive environment in which they can thrive.

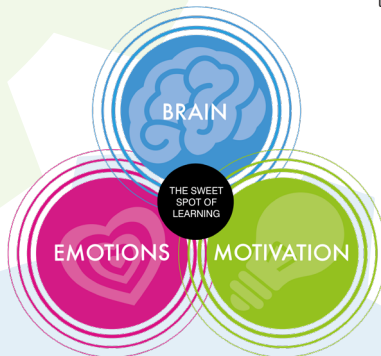
The sweet spot for learning is where these all come together.

BRAIN

Our brain connects neurons to make networks. These networks strengthen and work faster through repeated use. We believe in hard work and recognise the value in working through our failures so that we are constantly learning and improving.

MOTIVATION

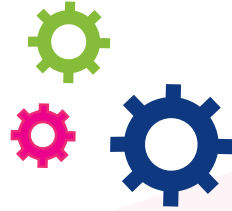
We need to motivate ourselves in order to do the practice that strengthens the networks in our brains. By repeatedly demonstrating the relevance and impact of newly learnt skills and knowledge, we maintain our students' motivation.



EMOTIONS

Our emotional response to studying has a massive influence on how we learn. The more positive our learners' emotional response to studying is, the more likely they are to engage with and remember what they're learning.

HOW TO APPLY



If you are currently in Year 9, have a passion for Engineering and Digital and live within our catchment area you can apply for a place. There are no tests to join us in year 10.

If you are currently in Year 11, you can join us after your GCSEs, provided you meet the entry requirements for the courses you wish to study.

UTCs are designed to be sub-regional provisions so we welcome students from a 12-mile radius catchment area from Northwood Hills that includes the London Boroughs of Brent, Ealing, Harrow, Hillingdon, Hounslow and parts of Buckinghamshire and Hertfordshire. We will carefully consider students from outside the catchment area. Recruitment is more likely to be based on access to the TfL network.

CONNECT WITH US:



@UTCHeathrow



UTCHeathrow



@utcheathrow




@UTCHeathrow

You can apply for your place at UTC Heathrow on our website **heathrow-utc.org**



Or you can scan here to apply!





"A place where if you ask
for help you will get it"

- Current student



SCAN
HERE TO
APPLY

