

Your Career Starts Here

Sixth Form Prospectus
2020 - 2021


Ofsted

Good
Provider

SIXTH FORM @

UTC

WARRINGTON

ENGINEERING
BUILT ENVIRONMENT
SCIENCE & CYBER

Engineer your future at UTC Warrington



We are extremely proud to work with Manchester Metropolitan University (MMU).

With close support from our university sponsor, we reap the benefit of their expertise by supporting students' access into high-quality Higher Education provision, as well as the technical knowledge of the academic experts at the MMU School of Science & Engineering.

We are a purpose built technical college in the heart of Warrington – a town synonymous with engineering, technology and manufacturing. We are proud to have a strong relationship with some of the North West's highest regarded STEM organisations, including Sellafield Ltd, Wood PLC and Cavendish Nuclear, who have supported our development since September 2016, alongside our Higher Education Partner – Manchester Metropolitan University.

In our Sixth Form, we provide a unique, aspirational, technical and academic curriculum, which prepares students for an exciting career through our range of high-quality BTEC qualifications. Students are encouraged to develop their technical knowledge and work directly with the region's employers to build their workplace skills. Our personal development programme is a fantastic way for our students to challenge themselves and enhance their softer employability skills.

In 2019, Ofsted judged the UTC to be Good in all areas, with high praise for the Sixth Form and quality of teaching. The inspectors were extremely impressed by what they saw, particularly the progress made by students in technical subjects and the destinations that our leavers progress onto. A UTC is very different from other institutions, focusing on technical skills and knowledge, employability, and personal development; this has been recognised by Ofsted.

I look forward to carrying on the great work with students, parents, MMU and employers alike, as we continue to establish UTC Warrington as an outstanding and dynamic educational institution.

A handwritten signature in black ink, appearing to read 'Lee Barber'.

Lee Barber,
Chief Executive and Principal



Excellence & Kindness

Our Employer Partners

Our employer partners are the driving force behind UTC Warrington. It is their hard work and determination that has ensured we are able to provide the very best opportunities for our students.

Close relationships with our employer partners are integral to ensuring we have a curriculum that best fits the needs of industry. 203,000 people with Level 3+ engineering skills are needed every year to meet national demand. Our curriculum pathways have been developed to ensure that Warrington has the very best candidates and a sustainable workforce for the future.

There is an annual shortfall of up to 59,000 engineering graduates and technicians to fill core engineering roles.

We are proudly working together to close the national skills gap.



“Empowering the Next Generation”

Students are exposed to the world of work through a variety of different employer engagement activities. Working with industry experts, students are encouraged to participate in these experiences to support their career ambitions.

Employer Engagement Activities

- Trips and visits
- Employer-led projects
- Business mentoring
- Masterclasses and workshops
- Work experience



Work Experience at Stanley

Working together with Stanley Engineered Fastening, students were asked to apply for the opportunity to participate in a work experience programme which would see them released from college one day a week. The application process also included a maths assessment, a formal interview and a team building exercise, all reflecting the real-life interview processes they'll experience in the future.



Women in STEM

Coinciding with Women in Engineering Day, we invited women from across Warrington and the North West to join our cohort of female students to discuss the roles they play in the world of STEM. The speed-networking event gave students the chance to meet each woman in a fast paced, exciting environment, uncovering what they do on a day-to-day basis and how they reached the role they are in today.

“Leaders of the college ensure that the requirements of the 16 to 19 study programmes are met. They have greatly extended their partnerships with local and national employers to provide meaningful work experience for students. Leaders use industrial visits very effectively to enliven the curriculum and prepare students for life at work.”

- Ofsted, 2019

Leavers Destinations

We are proud of all the destinations that our students move on to following their studies. Universities and employers recognise the academic excellence and passion our students have.

University

Over 30% of our Sixth Form, in 2018, successfully secured university places across the country. 100% of these students enrolled onto a STEM related degree, including Computer Science, Chemical Engineering and Mechanical Engineering.

Starting salaries for STEM graduates are around **20% higher** than the average graduate.

Apprenticeships

30.2% of our students in 2018, went into higher, advanced or degree apprenticeships in 2018, compared to 6% nationally. For these students, the ideal pathway was learning, earning and investing in their future through securing an apprenticeship after college.

Engineering apprentices are likely to earn more than **double** the national apprenticeship minimum wage.

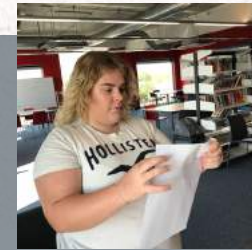
“I’m looking forward to working with Sellafield to develop my interests in design engineering. During my time at the UTC, I’ve had the chance to develop skills in technical design and now I can pursue my interest in engineering at a leading company. I gained work experience with Airbus whilst at the UTC and this has helped me understand the concepts in my aeronautical engineering qualification and gave me the determination to secure this apprenticeship.”



- Mon
Joined us from St Gregor's
Secured a Degree Apprenticeship in Mechanical Engineering



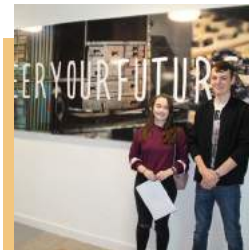
Jordan
Joined us from Golborne.
Secured a Mechanical Engineering Apprenticeship.



Lauryn
Originally from St Greg's.
Secured a HR Apprenticeship.



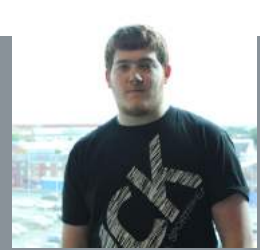
Jack
Joined us from St Patrick's.
Secured a Aerospace Engineer Degree Apprenticeship.



Shannon & Adam
Joined us from UAW and Lymm High School.
Studying Chemical Engineering.



Kane
Joined us from Bridgewater High.
Studying Aeronautical Engineering.



Sam
Originally from Saints Peter & Paul.
Studying Electrical & Electronic Engineering.



Nihad
Joined us from UAW.
Studying Mechanical Engineering.



Our Sixth Form

We are the place to study STEM subjects in Warrington.

In Sixth Form, we offer dedicated STEM pathways for students to follow as they begin their career journey. We attract students who are highly self-disciplined, have a positive attitude to learning and enjoy the opportunity to work hard. These students understand the value of getting ahead of the rest. They set their sights on securing top apprenticeships and university places.

Aspirational students have the chance to excel. UTC Warrington offers a mature professional atmosphere, preparing students for their next steps in industry. We are committed to supporting the personal development of our students to ensure that they have the core employability skills and values employers are looking for.

“Whether you’re planning to go to university or straight into work after Sixth Form, we will help you develop the skills that employers are looking for.”

- Miss Lawson, Sixth Form Progress Leader

100% pass rate in BTEC Engineering,
with the average grade a distinction.

Class of 2018 results

Top 6 Reasons to Join UTCW

Guaranteed job & university places

We work closely with our employers partners to ensure we shape their future talent pipeline. Through employer engagement activities, they have the opportunity to meet and hand pick potential candidates. Students who want to go to university benefit from our links with MMU. They are able to offer our students places on their science and engineering courses.

Professional adult environment

We offer a professional environment for students to flourish. Students wear business dress to prepare them for the workplace and are expected to take advantage of private study facilities to enhance their learning experience.

Industry experience

Through our employer engagement activities students get first-hand industry experience. We actively encourage students to engage in business mentoring, workplace visits, masterclasses and participate in a two week work experience placement.

High quality teaching

Our teachers are experts at what they do and care passionately about their subject; many of whom have come from industry. Small class sizes create the perfect learning environment for our students meaning they have access high quality teaching without distraction.

Free transport

We have fantastic transport links across Warrington and the North West. For Sixth Form students who live over three miles away there is support with transport fares to and from college.

Strong advice & guidance

Our staff are fully committed to offering careers, advice and guidance to all students, supporting them with CV writing, application processes and interview techniques. Each student has a Personal Tutor who will support them throughout their journey and we boast a large pastoral team for any student who needs extra support.

Engineering

Looking for a future career in engineering?
Our Engineering Pathway offers students an excellent grounding in the knowledge and experience of fundamental engineering principles.

Students have access to expert teachers and industry standard equipment that will prepare them for a variety of engineering careers.

The course provides students that chance to explore mechanical, electrical and manufacturing disciplines, developing students analytical and problem solving skills. Students will graduate from the course with a high level understanding of engineering design, having learnt how to apply maths and physics in an engineering environment.

BTEC Level 3 Engineering

(2 or 3 A Level equivalent)

+ options to take:

- A Level Maths
- EPQ

Careers Mechanical Engineer, Electrical Engineer, Design Engineer, Aerospace Engineer and Draughtsman.

Entry Requirements

Grade 4 or above in five GCSEs including English and Maths.

Built Environment

Civil Engineering is everything you see that's been built around us. Our Built Environment Pathway provides students a varied and challenging experience which will couple students creativity with an understanding of technical engineering topics.

The course provides emerging civil engineers the opportunity to build a foundation of knowledge that will set them up for a career within the sector. Students will learn about structures, sustainability and the built environment and how to manage projects.

Upon completing the course, students will have developed strong communication and organisational skills, along with the technical knowledge to become the next innovators of the sector.

BTEC Level 3 Civil Engineering

(2 or 3 A Level equivalent)

+ options to take:

- A Level Maths
- EPQ

Careers Civil Engineer, Quantity Surveyor, Site Manager, Structural Engineer, Architect and Building Control.

Entry Requirements

Grade 4 or above in five GCSEs including English and Maths.

Cyber

Computer Science is radically changing the way in which we experience our world. Our Cyber Pathway is a stimulating and challenging programme of study that equips students with the confidence to successfully contribute to our digital society.

Students will gain not only knowledge and practical experience of the latest technologies, but also a grounding in the underlying principles of the subject. The course delves into the principles of computer science, computer systems and the development of websites and computer games.

At the end of the course, students will be equipped with the fast-paced skills needed to work within this exciting and rapidly evolving sector.

BTEC Level 3 Computing

(2 or 3 A Level equivalent)

+ options to take:

- A Level Maths
- EPQ

Careers

Cyber Security Analyst, Software Developer, Computer Programmer and Games Designer.

Entry Requirements

Grade 4 or above in five GCSEs including English, Maths and Computer Science or IT.

Science

For the naturally inquisitive with a passion for scientific research, our Science Pathway offers students the opportunity to combine hands-on practical work with analytical research.

The course provides students the chance to investigate biomedical, material and forensic sciences. Working closely with our university sponsor, MMU, the course is taught in real-life context with access to state-of-the-art laboratories to conduct experiments.

After their studies, students will have expanded their scientific knowledge and established their practical laboratory and analytical skills. Their new found knowledge will support them in pursuing careers and further study in their favourite discipline.

BTEC Level 3 Applied Science

(2 or 3 A Level equivalent)

+ options to take:

- A Level Maths
- EPQ

Careers

Biomedical Scientist, Forensic Scientist, Pharmacist, Laboratory Technician, Veterinary Nurse and Nurse.

Entry Requirements

Grade 4 or above in five GCSEs including English, Maths and Science.

Other Courses

Pre-Apprenticeship

If students haven't achieved the grades they were hoping for in GCSE English and Maths, our year long Pre-Apprenticeship course offers the opportunity for students to focus their Maths and English resits with an opportunity to enhance their practical engineering skills, putting them ahead of the crowd when applying for apprentice positions.

Professional Courses

Enhancing students experience and employability skills, we offer students the opportunity to undertake professional courses alongside their chosen pathway.

Extended Project Qualification

Choosing to undertake an EPQ, students will get the opportunity to select a topic they are passionate about and research the subject in-depth. The qualification gives students the necessary preparation for university-level study and will help boost their degree apprenticeship application.

PRINCE2

Preparing students for the workplace, PRINCE2 provides students with an introduction to project management methodology, delving into the complexity of the requirements needed for successful projects.

Resilia

Tackling one of the biggest challenges that organisations face today, Resilia provides students an in-depth understanding of cyber risks and methodologies used to deal with them.

Enrichment

We offer our students the opportunity to participate in a range of exciting enrichment activities, giving them the chance to pursue a variety of interests. Enrichment activities vary each academic year depending on the options provided by our staff.

National Citizen Service

Partnering with Warrington Youth Club, all Year 12 students take part in the NCS programme at the start of the year. The programme, including a residential trip away, gives students the chance to build on their teamwork skills, raising money for local social action projects and charities.



Combined Cadet Force

Our CCF group is open to all students to join. It's a chance for students to break out of the classroom and strengthen their skills in leadership, organisation, resilience, initiative and communication. Students meet every Wednesday afternoon and get the opportunity to go away on regular residential trips. The cadets are supported by 75 Engineers, a local army reserve unit based locally at Peninsular Barracks.



Our Facilities

Based in the heart of Warrington, our unique building stands out amongst the skyline. Rising six stories high, each floor is filled with state of the art equipment, creating an innovative and exciting environment for students to learn.

Industry-standard specialist engineering equipment including a materials testing workshop, a mechanical and aeronautical engineering workshop, a hydraulics and pneumatics workshop and an electronics workshop.

State-of-the-art ICT resources throughout the college, with the latest interactive systems, programming software and array of 3D printers.

Four modern and well-equipped laboratories dedicated to delivering our extensive science curriculum.

Wheelchair accessibility across the site, including wide doorways and a lift to all floors.

The Green Room offers Sixth Form students the opportunity to use computers for private study and develop life-long relationships with other students during free periods.



Our Culture

UTC Warrington is designed to reflect a business environment. We embed core employability values into all aspects of the college, from the dress code to the curriculum content.

We are engineering the future talent pipeline, to ensure Warrington has a growing, sustainable workforce. Employers are looking for students who understand the importance of punctuality and attendance, workplace behaviours and our employability values.

Our Employability Values

Leadership • Organisation • Resilience
Initiative • Communication

Our Commitment to Students

We provide a safe and cohesive environment for all students allowing them to learn effectively and maximise their potential.

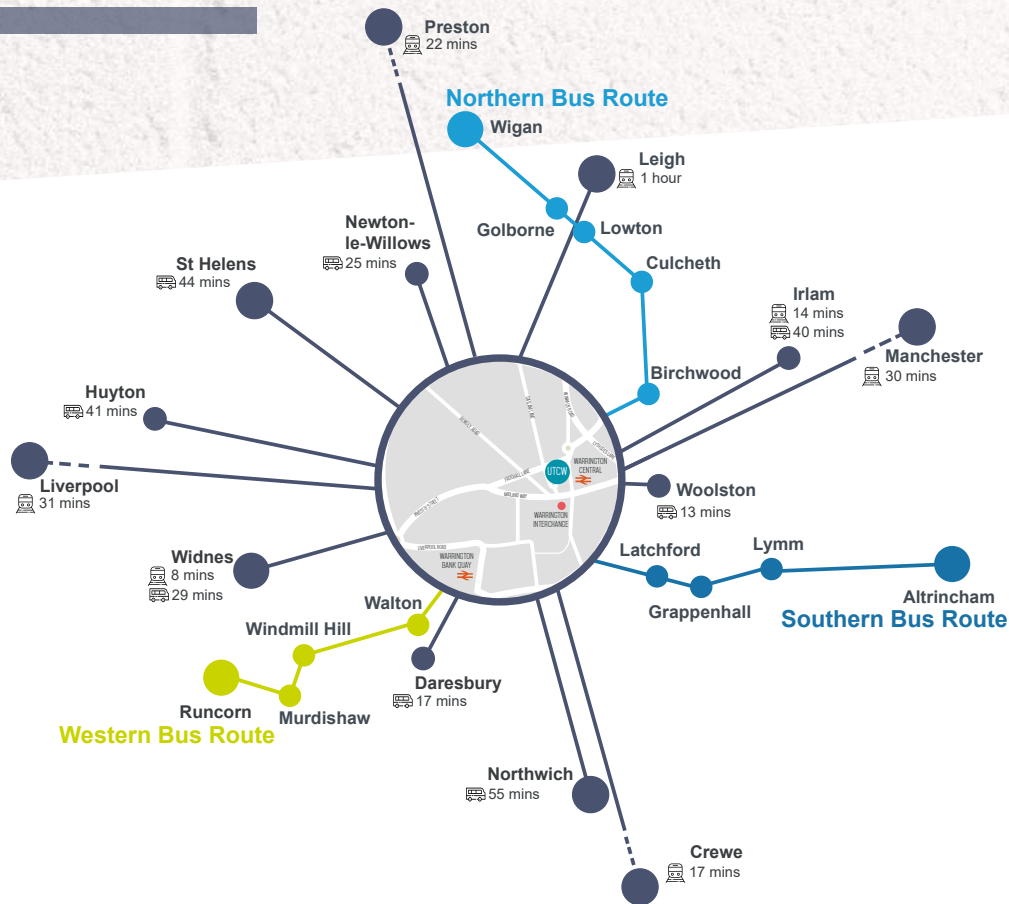
Our Anti-Bullying pledge encourages students to consider their actions and the consequences. We have embedded the values of excellence and kindness throughout the school, ensuring that all students feel safe.



98% of parents agree that their child feels safe at UTCW

Excellence & Kindness

Our Location



UTC Warrington forms part of the £190m Stadium Quarter development which will connect the bus interchange with the Warrington Wolves' Halliwell Jones Stadium.

Our six-storey, iconic building sits conveniently opposite Warrington Central train station and 2 minutes' walk from Warrington bus station. Making travelling to and from college straight forward for our students.

New for 2020, students living along our Northern, Southern and Western Routes will be able to access our free bus services. (Subject to sufficient interest. Register your interest online at www.utcw.co.uk/bus)

Discover UTCW

Website & Social Media

Our website is a one stop shop for everything UTC Warrington, including in depth curriculum information. Along with our social media channels, it's regularly updated with new stories and events.

Open Events

Throughout the year we hold a number of different events for potential students and parents. Upcoming events are posted on our website, where you can register your interest.

Tours

For prospective students and parents unable to attend any of our events, you can book in a tour. For suitable dates and times please email admissions@utcw.co.uk to arrange your visit.

How to Apply

UTC Warrington is open to applications from students from across Warrington and the surrounding areas.

Apply online at www.utcw.co.uk

Once you have submitted your application to attend UTC Warrington you will be invited to attend a fantastic collection of events during the current academic year, which are designed to prepare you for joining UTC Warrington.



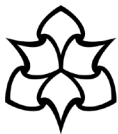


A SCIENCE & ENGINEERING ACADEMY
& SIXTH FORM

A New Kind Of Education

University Technical Colleges (UTCs) prepare students for the jobs of tomorrow. Driven by local industry needs, UTCs are schools for 14-19 year-olds that deliver technical education as well as core curriculum subjects.

UTC Warrington is supported by...



**Manchester
Metropolitan
University**



**University
Technical
Colleges®**

#Engineeryourfuture



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