



Lincoln UTC

A college for science  
and engineering

Lincoln UTC  
Prospectus  
2021/2022

Apply Now  
Year 10 & Year 12  
September 2022





# Principal's Welcome

I am privileged to lead Lincoln UTC and excited by the opportunities that lie ahead. Our students, travelling from across Lincolnshire, join us in years 10 and 12. They have a unique opportunity - to train as scientists and engineers in the exciting context of real-life industry experiences. My goal is to ensure that their individual and collective success is at the heart of every action and decision made at Lincoln UTC. We guide them as they lay the foundations for what will be the start of an exciting educational experience that leads to outstanding achievements in the fields of engineering and science.

Graduates of Lincoln UTC are well rounded, confident and articulate. Academically, technically and practically experienced in science and engineering, they are comfortable working in industry and prepared for a lifelong journey of learning throughout their working careers.

They are committed to the highest standards of achievement and attention to detail, seeking to be the best they can be in their chosen field. Their ability to work effectively, both independently and as team members, and their innovative, creative and dynamic attitude towards working and learning, ensures that they are both highly employable and successful in obtaining places at universities or with employers of their choice. Lincoln UTC graduates are the very best scientists and engineers their potential allows as they finish their schooling at 16 or 18.

I am sure you will be excited by what you read on our website and have further questions that you wish to explore. I encourage you to attend one of our many Open Events, or book a personal tour during the school day, so that you can meet our staff, ask questions and explore your future at Lincoln UTC.



# What is a UTC?

UTCs provide a unique opportunity for students aged 14-19 to study innovative technical subjects alongside the core curriculum. Our specialisms have been chosen as Lincolnshire has a rich tradition of excellence in the fields of engineering and science; subjects that are proven to offer students strong career opportunities in the future.

We are proud to have a significant number of employer and educational partners involved in the delivery of our curriculum. By working in tandem with Siemens and the University of Lincoln, students have the opportunity to learn within world-class facilities, and benefit from educational opportunities grounded within real industry experiences.

Students of a UTC will learn to be highly articulate and numerate; able to apply their skills and knowledge to challenging problems in novel situations. This intellectual flexibility – the ability to make connections, think critically, be objective and original, and work independently – means that they will develop questioning, logical minds, and any unexpected or demanding problem will become an exciting challenge.

Everything that our students learn is geared towards helping them get an apprenticeship, setting them up for university and building the foundations for an exciting career in the highest paying industries. For these reasons UTC graduates are in high demand by employers and go on to do incredible things.



“Pupils’ behaviour and conduct are impeccable.

Pupils have exceptionally positive attitudes towards their learning.

They work diligently and with enthusiasm.”

Ofsted, 2019

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# The UTC Experience

We are not selective, but we are not for everyone. Our challenging technical, practical and academic curriculum is not an easy option. We have a very mature, calm and purposeful learning environment, and require students to be fully committed to our approach.

The UTC prepares students for a seamless transition into the workplace and for this reason we operate a longer working day than most schools. Our hours begin at 8.45am and finish at 4.15pm, with a 20 minute morning break and a 30 minute lunch. All required work is completed within this time frame therefore we do not issue formal homework.

We do not have a uniform but expect our students to dress accordingly in business attire. We also do not operate a bell. Students are expected to effectively manage themselves, as they would at university or in employment, and arrive at lessons on time and ready to learn.

Our behaviour policy is consistent and has clear boundaries, therefore disruption is rare and students treat our business environment with the respect it deserves.

We have fewer students and smaller class sizes than most 'ordinary' schools, and for this reason lessons are less chaotic. Teachers have time to help everyone individually, which leads to the development of positive and supportive relationships between the students and the staff.

Attendance is in excess of 97% for all year groups, which is exceptionally strong. Students are happy and proud to be part of our community. They enjoy coming to the UTC and want to attend regularly.



# Vision

Our vision is to ensure that every student develops the skills required to secure the next step of their chosen career, either at university or in employment.

In order to achieve this, we place an explicit focus on skill development and the acquisition of the traits of the ideal learner. It pervades all that we do and the ways in which students are encouraged to learn.

We value academic knowledge and technical skills in equal importance to personal qualities. Whilst outstanding qualifications may open a doorway to an interview, the qualities and uniqueness of the individual will clinch the job opportunity.

Ofsted highlight that the majority of our students who apply for higher education courses secure their first-choice placement, and many are also very successful in securing prestigious apprenticeships.

Our business approach to education reflects the exciting challenges of the technical industries in which our students are immersed. We are confident that this environment provides them with the best possible platform to progress into a successful career.

## ***Working together to develop the skills for success in industry and university***

Specialists in science, technology, engineering and maths in partnership with industry and the University of Lincoln





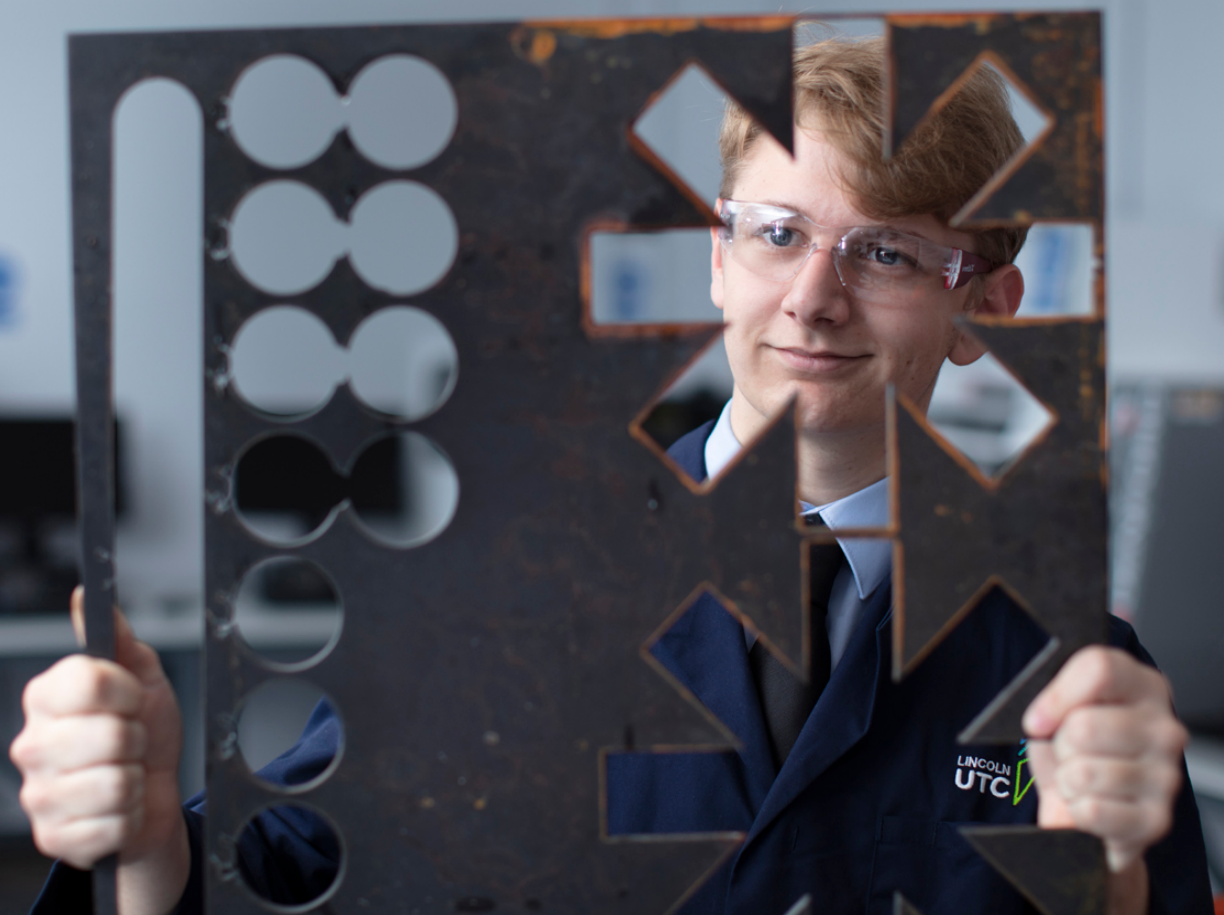
# Industry Partners

We are proud to have a significant number of employer partners involved in the delivery of our curriculum. By working in tandem with local businesses students have the opportunity to benefit from educational opportunities grounded within real industry experiences.

These connections are valuable for our students both during their studies and in future. The large majority of our alumni that have now secured apprenticeships did so as a direct consequence of the relationships they formed with these employers whilst students at the UTC.

Students in all year groups are provided with the opportunity for work experience every year. In comparison to their peers at 'ordinary' schools, our students will spend double the hours in the real world developing vital skills and traits, making them highly employable.

Some of our Post-16 students also get the opportunity to have a longer industrial placement in parallel with their studies at the UTC. This is organised so that during term time, they will spend four days a week in school and the remaining day with a local business. The programme is designed to build a long-term relationship enabling students to gain an in-depth understanding of the organisation they're involved with, and evidence the practical application of their skills.



“Students receive exceptionally high-quality advice and guidance towards their next steps in education, employment or training.

The majority who apply for courses in higher education secure their first-choice placements.

Students are also very successful in securing prestigious apprenticeships.”

Ofsted, 2019

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# Destinations and Results

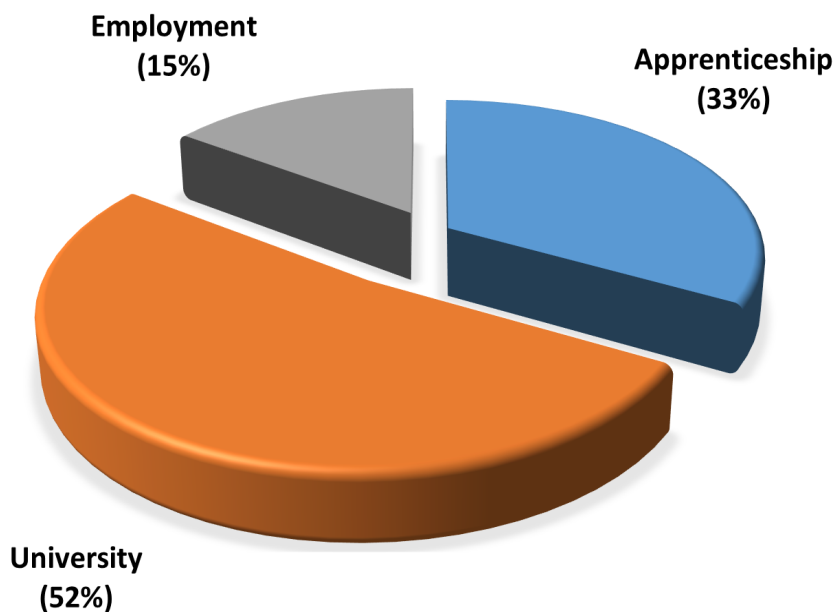
A Level results in 2021 were truly outstanding. Students achieved a 100% A Level pass rate with 41% of results graded from A\*-A and 78% from A\*-C. These statistics do not take into account results from our triple BTEC in engineering; in 2021 for the fifth year in a row we achieved a 100% pass rate, with 71% of students achieving a distinction grade.

In 2021 our students also achieved exceptional GCSE results. 74% of students achieved top grades in the UTC specialisms of engineering and the three separate sciences. Results were equally as strong in English and maths with 73% and 84% of students achieving a grade 4-9 respectively.

Lincoln UTC has a strong track record of supporting students with their next steps and our Post-16 students continue to be very successful in securing their desired place at university or in industry.

In 2021 52% of our students chose to continue to higher education and 100% of those students secured a place at university. Course choices included mechanical engineering, theoretical physics, medicinal chemistry, biomedical science, maths, finance, and law.

Students who chose not to follow a higher education route were very successful in securing prestigious apprenticeships, for example, with BAE Systems, the RAF, Anglian Water, Festo, Norfolk Police, Rolls Royce, and the Merchant Navy.



“The leadership of the curriculum is highly effective and innovative.

The courses offered stimulate the interest and enthusiasm of pupils.

The implementation of the project element is having a striking impact on the development of pupil’s future employability skills.”

Ofsted, 2019

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# KS4 Curriculum

There are no academic requirements for entry into year 10. Students must have passion and interest in engineering and/or science and a desire for a combination of practical, technical and academic modes of study. It is important to acknowledge that the time allocated to specialist subjects is considerable. Of the 36 teaching hours per week GCSE students will spend 20 hours studying maths, science and engineering.

## Project Based Learning

Every week students spend two triple lessons completing project work that is not linked to examined subjects, but designed to develop skills that prepare them for the real world and employment.

Projects are carefully chosen to encourage learning that is independent from the teacher. Students are expected to plan and organise their own approaches, and are not spoon-fed or told how to solve the problems they encounter. There is an expectation that students will make mistakes and fail, which will lead to them reflecting, learning, and becoming more resilient.

Some of our current projects include:

- Gas Turbine Redesign
- Stop Motion Animation
- Creating a K'NEX Land Yacht
- VEX Robotics Challenge
- Wind Turbine Design Challenge

Through this programme we place an unparalleled emphasis on providing students with opportunities to develop skills, behaviours and traits that set them apart from other young people, and help them to succeed in future.

Compulsory Subjects	Qualification
Maths	GCSE
English Literature	GCSE
English Language	GCSE
Chemistry	GCSE
Physics	GCSE
Biology	GCSE
Engineering Manufacture	Cambridge National (GCSE equivalent)
Engineering Design	Cambridge National (GCSE equivalent)

Optional Subjects (students choose ONE)	Qualification
Product Design (D&T)	GCSE
Art & Design	GCSE
Computer Science	GCSE
Engineering Systems & Control	Cambridge National (GCSE equivalent)
Business Studies	Cambridge National (GCSE equivalent)

“Achievement in the sixth form is outstanding. The progress made by students is well above that made by other students nationally.

This is because students receive high-quality teaching and benefit from the expert support provided by staff.

Expectations are consistently very high, and students respond to this with enthusiasm and commitment.”

Ofsted, 2019

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# KS5 Curriculum

Our Sixth Form provides a specialist education for students wishing to pursue a future career in science, engineering, maths or technology. Post-16 outcomes are consistently strong and in the most recent A Level Performance Tables Lincoln UTC had the highest value-added score in comparison to every other provider in Lincolnshire.

Small class sizes allow us to provide personalised support and intervention which leads to excellent results. Students have a mature and proactive attitude to learning and benefit from a calm and purposeful learning environment. In Sixth Form students have more freedom than at Key Stage 4 and are allowed to leave site, both at lunchtime and during non-contact periods.

The Post-16 curriculum is based around the core STEM subjects. Approximately half of our students follow A Level programmes of study and the other half choose to complete a three A Level equivalent BTEC in engineering. Students can also choose to complete a combination of A level and vocational subjects. Entry requirements can be found on our website <https://www.lincolnutc.co.uk/our-sixth-form/a-level-entry-requirements>.

<b>Subjects</b>	<b>Qualification</b>
Maths	A Level
Further Maths	A Level
Physics	A Level
Chemistry	A Level
Biology	A Level
Product Design	A Level
English Literature	A Level
Computer Science	A Level
Engineering	T Level
Engineering	BTEC Level 3 Extended Diploma (3 A Level equivalent)
Business	BTEC Level 3 Extended Diploma (1 A Level equivalent)

# Apply Now

New students join us every September in year 10 and year 12. We do not have a fixed deadline and are always happy to take enquiries about new applications.

Due to the extended working day and high expectations held at Lincoln UTC, students must be fully committed to our methods of working and are advised to visit the UTC prior to applying to ensure that they fully appreciate this.

Over the course of the academic year we will hold a selection of Open Events to provide prospective students and their families with the opportunity to take a tour of the facilities and meet with both our teachers and students to learn more about life at Lincoln UTC.

We also offer personal tours on weekdays during term time, which are an ideal opportunity to see what life at Lincoln UTC is like on a daily basis.

To book in for an Open Event or arrange a tour please call 01522 775990 or email [admissions@linconutc.co.uk](mailto:admissions@linconutc.co.uk).

To apply for September 2021 visit our website [www.lincolnutc.co.uk](http://www.lincolnutc.co.uk).



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