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# Welcome

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**LDE UTC** PROSPECTUS  
**Ages 13 - 16**



At LDE UTC, we recognise that GCSEs represent the first major academic milestone for learners, setting the foundation for future success.

These **qualifications** are not only critical for opening doors to **further study** but are also a key benchmark in preparing young people for **careers and workplace readiness**. Choosing the right subjects at this stage can significantly **influence learners' future pathways**, which is why we place a strong emphasis on a curriculum that is both broad and balanced, and **academically rigorous** and **industry aligned**.

As a **technical** and **design-focused** institution, LDE UTC is committed to equipping our learners with the **skills and knowledge** that will prepare them for **high-demand careers** in **engineering, design, and technology**. Our **unique employer-led approach** allows learners to gain practical insights and **hands-on experience**, promoting a **work-ready mindset** from an early stage.



As Head of School, I am honoured to lead a community that is **dedicated** to bridging educational gaps and promoting equitable **opportunities**. My focus is on ensuring that every learner, regardless of their starting point, has access to an **inspiring** and **supportive environment** where they can thrive and excel. Together with our **dedicated staff** and **valued partners**, I am excited to guide our learners toward their **ambitions** and look forward to seeing them **achieve excellence** in their studies and beyond.

Kenan Drugzani, Head of School



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## UTC VISION (USP)

Vision: Creating technology and employer-led education that enables learners to exceed their potential, celebrate diversity, and embrace the 4th industrial revolution.

## ABOUT UTC's

UTCs are government-funded schools that offer **13–19-year-olds** a unique education in technical and scientific subjects, focusing on one or two **technical specialisms** and integrating **technical, practical, and academic learning**. They work with employers and local universities to develop and deliver their curriculum, and provide the latest equipment and technology used by industry. **UTCs are smaller than traditional secondary schools**, with around 600 learners, and aim to ensure a high level of technical aptitude and interest. UTCs dedicate at least **40% of time to the technical specialism**, including **design and building, working in teams and problem solving**.

## LEARNING

At **LDE UTC**, we are dedicated to supporting our diverse community and preparing young people with the skills and values needed in a multicultural and ever-changing Britain. **Our six shared values**—passion, reaching higher, respect, care, ownership, and pride—guide our approach. We prioritise promoting **British values**, including **democracy, the rule of law, mutual respect, individual liberty, and tolerance of different faiths and beliefs**. As educators, we prioritize the well-being of our learners and ensure they are protected from intimidation and radicalisation.

## SPONSORS

Our Employer sponsors include:





## EMPLOYERS

Employer, professional institutions, and educational partners play a vital role in LDE UTC.

They provide project briefs, feedback, interview practice, masterclasses, guest speakers, contextual visits, and mentorship to learners. They also support learners in developing and marketing end products and provide careers advice.

## CAREERS

Our careers programme aims to prepare learners for the world of work by providing opportunities, information, and guidance to increase confidence, build resilience, and raise aspirations.

We are committed to ensuring our learners take responsibility for their achievements, and we work closely with employers to fill the skills gap in industry.

Together, we can make a positive contribution to our young people's futures, helping them embrace the range of pathways available after leaving us with a strong academic and technical education.



Our Careers Leader is Janice Tricks, supported by our leadership team and directors.

You can contact Janice at: [careers@ldeutc.co.uk](mailto:careers@ldeutc.co.uk) or via reception on: **0203 019 7333**



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**"I HAVE A PASSION FOR WORKING WITHIN CAREERS AND I AM SKILLED IN COACHING AND POST 16 PROGRESSION, TO HELP OUR LEARNERS TO REACH THEIR POTENTIAL AND DESTINATION CHOICE. I ALSO ENJOY DEVELOPING BUSINESS RELATIONSHIPS TO ENGAGE WITHIN OUR CAREERS PROGRAMME AND CURRICULUM, TO SUPPORT LDE'S EMPLOYER-LED APPROACH."**

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**Janice Tricks**, Careers Lead

## OUR KS3 AND KS4 OFFER

At our inclusive college, all learners study English Language and Literature, Science and Mathematics at KS3 & KS4.

At KS3, learners follow various carousels introducing them to our technical offer as a taster for each, before selecting their options for further study into KS4.

## KS4 CORE LEARNING

- English
- Mathematics
- Combined Science

## KS4 TECHNICAL COURSES

### To choose from:

- Design Technology
- Designing the Built Environment
- Digital Media
- Engineering Manufacture
- Engineering Programmable Systems

## KS4 OTHER OPTIONS

### To choose from:

- Art
- Computer Science
- Enterprise
- Geography
- Triple Science







## EXTRACURRICULAR AND PASTORAL SUPPORT AT LDE UTC

### Extracurricular Activities

We provide a wide range of extracurricular activities, including robotics, sports, and creative clubs, allowing learners to pursue personal interests and develop well-rounded skills.

### Pastoral and Academic Support

Our dedicated staff provide both academic and emotional support, including mental health resources, mentorship, and personalised tutoring, ensuring that every learner is equipped to succeed.

Through rigorous academic and extensive practical experiences, LDE UTC prepares learners for a range of exciting pathways, whether they aim for university, vocational training, or direct entry into their chosen fields.

## DESIGNING THE BUILT ENVIRONMENT

Morgan Sindall supports LDE learners by offering work experience, career talks and activities on live sites for learners, providing in-depth understanding about construction and the built environment.

Learners are enthusiastic about learning new skills and gaining insights into construction from a builder's perspective. The company is passionate about engaging young adults about careers in construction and sharing their knowledge and experience with schools and colleges.

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**“THE CALIBRE OF LEARNERS FROM LDE HAS BEEN EXTREMELY IMPRESSIVE AND WE WILL ENSURE LDE LEARNERS CONTINUE TO RECEIVE SUPPORT FROM MORGAN SINDALL GOING FORWARD. WE WILL CONTINUE TO COLLABORATE WITH THE LDE TO BUILD ON THE POSITIVE RELATIONSHIP WE HAVE IN PLACE.”**

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**Monica Paul**, Social Value Manager



**MORGAN  
SINDALL**  
CONSTRUCTION

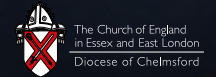




## ENGINEERING MANUFACTURE

Equip learners with skills and knowledge for engineering careers. Projects will develop problem-solving ability in diverse areas.

Progress to university study or direct to industry/apprenticeships. Potential careers include engineering design, manufacturing, or project management.





## ENGINEERING PROGRAMMABLE SYSTEMS

Prepare for a career in diverse engineering environments, from electrical circuit and product design to system design and diagnostics, through our comprehensive course.

Practical and theoretical projects will enhance your problem-solving abilities. Upon completion, you can choose to continue your education at university or pursue a career in the industry or an apprenticeship.

Potential careers include system design, development, and maintenance project management.

**FESTO**





## DIGITAL MEDIA

This course offers hands-on training in digital media, equipping learners with the skills needed for careers in media planning, graphic design, branding, comic art, and illustration. Through in-depth study using client scenarios to apply practical experience in areas such as developing visual identities, design original digital assets and planning and reviewing media products. Learners will gain expertise using industry-standard software such as Adobe Illustrator and Adobe Photoshop. Learners will earn a Level 2 qualification that can lead you careers media planning, graphic design, branding, comic art, and illustration.

With employer-led units and real-world projects, students gain invaluable experience with top companies like Google, Industrial Light & Magic, Fujitsu, and Intel. Our program nurtures creativity, critical thinking, and problem-solving skills through dynamic, industry-relevant projects. Learners will develop a professional portfolio and build industry connections, positioning them for successful careers in the digital media landscape. Join us to pursue your passion and develop skills for a future in this exciting field.

A man in a brown blazer and white shirt is pointing at a computer monitor. The monitor displays a 3D character model of a man wearing a blue hat and an orange shirt. The background is a blurred office setting.

**“Working with the digital learners at LDE UTC has been inspirational. Seeing the learners create content using industry standard software demonstrates transformational and impactful education at its very best. Not only does it develop the learner’s knowledge but provides them with digital skills around emerging technologies that will drive digital innovation and lead to a highly skilled workforce for the UK. Fujitsu are very proud to be working in collaboration with the staff and learners at LDE UTC”**

Ash Merchant, Fujitsu

## COMPUTER SCIENCE

Our program provides a solid understanding of computer architecture, memory, and coding skills in a high-level programming language through hands-on projects and real-world applications.

Learners will explore various data structures, such as arrays and lists, to solve computational problems.

With fantastic employer projects, learners will gain valuable real-world experience, build a professional portfolio, and showcase their skills to potential employers such as Google, Samsung and Intel.

The course also includes knowledge of cyber security and software development practices, including designing, testing, and documentation, to enhance employability and prepare for future employment opportunities.

Throughout this course, learners will use the Amazon Turing Labs for learning development skills and immersive labs for cyber security.



## APPLICATIONS

Admissions into 'Year 9' are completed via our online application form, available on **our website**:



**Ideutc.co.uk**

**The deadline for Year 9 Applications** is normally in **December**.

Visit our website for the admissions policy and exact application closing date.

If you have any questions please email: **admissions@ideutc.co.uk**

**Attend our open days/evenings** to tour our impressive facilities and meet our staff team and learners.



VEHICLE ACCESS

PEDESTRIAN ACCESS



ROYAL ALBERT WAY A1020

A1020

A1020

ROYAL ALBERT WAY A1020

A406  
A13

ROYAL DOCKS RD



Buses: 366, 376, 474, 678

CYPRUS

AVA Building

Knowledge Dock

West Building

East Building

Sports Dock



London  
Design &  
Engineering  
UTC

Library

Royal Dock



University of  
East London

A117

A117

London City Airport





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