



Dear Prospective Recruits,

Thank you for your interest in working with us at the London Design & Engineering University Technical College (LDE UTC). Since opening in September 2016, the LDE UTC has provided exceptional education to learners of all abilities from year 9 and up, who aspire to pursue a career in design and engineering.

We are committed to providing our staff with the necessary time and resources required, ensuring our learners remain at the heart of our mission. Our learner-focused approach, coupled with our state-of-the-art facilities and specialist equipment, empowers learners to become the next generation of confident, independent, and work-ready individuals. By fostering academic excellence and forging strong partnerships with employers, we prepare our learners to thrive in the ever-evolving landscape of design and engineering.

One of the key aspects that sets us apart is our curriculum, which revolves around engaging and compelling employer-led projects. Through active learning experiences, we cultivate a learning environment that is both relevant and memorable, boosting our learners' academic achievement.

We understand the importance of comprehensive career guidance. That's why we have formed strategic alliances with our employer partners and universities to provide expert advice, mentoring, site visits, and work placements. Through these invaluable opportunities, every learner has the chance to secure amazing progression routes into higher apprenticeships, or to pursue higher education.

If you are interested in sharing your knowledge, skills, and passion with our dedicated staff and eager learners, we invite you to get in touch with us. Together, we can explore the limitless possibilities that await you and contribute to shaping the future of design and engineering.

Yours sincerely,

Geoffrey Fowler, CEO & Principal





OUR CONTEXT:

The LDE UTC is a technical college where learners exceed their expectations, enjoy pathways onto incredible destinations and make higher than national average progress. The progress our learners make is often extraordinary, for example our learners achieve an average attainment grade of a Distinction for all their technical subjects.

Due to the need for technical skills required from industry, the desire to be engineers from the young people of London, the LDE UTC has been oversubscribed since opening in 2016 and receives over 1600 applications for just 180 year 12 places and over 600 applications for just 80 year 9 places.

Many learners at the college are from the borough of Newham, however the geographical spread of the population of learners as a whole is very wide. Our learner body comes from diverse backgrounds with 93% Black Asian and Minority Ethnic (BAME), 42% of the learners are funded by pupil premium and 55% have English as an additional language (EAL) i.e., English is not their main language at home.

Upon arrival, learners encounter our dynamic, distinctive, and tailored curriculum, delivered with extensive knowledge and expertise in cutting-edge facilities. This environment inspires our learners to excel academically, and we are committed to ensuring that each and every one of them transitions to high-quality employment, training, or educational opportunities.

LDE learners enjoy the employer engagement as they realise the purpose in what they are learning, receiving the Knowledge, Skills and Behaviours required to secure academic excellence and progression routes onto industry via higher apprenticeships, university or straight into the workplace.

OUR VISION

“Creating technology and employer-led education that provides learners with the ability to exceed their potential, celebrate their diversity and embrace the opportunities of the 4th industrial revolution.”

Our objective is crystal clear: we strive to narrow the UK’s skills gap and equip our learners to leave at 16 or 18 years old with top-notch apprenticeships, job placements, university acceptances, or college courses. We foster close partnerships with numerous employers to deliver an education that is both engaging and perfectly aligned with the demands of the professional world.



OUR ETHOS:

Our ethos is straightforward: we view the college as a workplace. Consequently, everyone is expected to conduct themselves professionally and demonstrate mutual respect in all interactions. This mirrors the professional environment our partners operate in. Our college serves as a preparatory ground where our learners develop the skills needed to succeed in their chosen careers.

OUR VALUES:

Passionate about everything we do	We commit ourselves wholeheartedly to everything we do. We approach our work with enthusiasm, energy, and positivity. We do what we do because we love it, and this passion shines through.
Reach higher, be better	We are always learning and challenging ourselves and each other, to be the very best we can be. We have the courage to improve the way we work and exceed expectations.
Be respectful and value everyone	We take time to listen to each other and treat people in the way they want to be treated. We are supportive, inclusive and recognise everyone has their own skills and experience to offer. All our family has a voice.
Take care	We look after ourselves, our colleagues, and our community. We have a zero-compromise approach to health, safety and well-being.
Take ownership	We take responsibility and never walk on by. We are proactive – focusing only on solutions instead of problems.
Be proud, be seen	We celebrate our past, we are proud of what we do today, and we are excited about our future.



Here at LDE UTC we are proud to offer a competitive benefits package for our valued employees.

We understand as an employer we need to be flexible and responsive in order to promote diversity and equality whilst being able to attract and retain the highest quality workforce. Therefore, we hope that you will be able to take advantage of some of the benefits we offer whilst you are employed by us.

Catering Offer:

LDE offers free breakfasts and lunches whilst at work, this can be from a selection of hot or cold food made freshly on site. On Wednesdays LDE have a 'Free Fruit' day and fresh fruit is available to all staff. Free tea and coffee daily.

Advise and Counselling Service:

Our free Employee Assistance Programme (EAP) is a confidential 24/7 telephone line manned by accredited counsellors who are there to help staff with any matters they are worried about (work based or in their personal lives). This service also offers some face-to-face counselling where needed and other excellent benefits.

Cycle2work Scheme:

Cycle2work is a government initiative that was introduced in 2001 to encourage more people to commute to and from work by bike, enabling people to make healthier choices and reducing the UK's carbon footprint. The initiative also allows you to make huge tax and National Insurance savings on the cost of a new bike and safety accessories. These savings are achieved via salary sacrifice and managed by us.

Season Ticket Loan:

For all staff who have completed 10 months' continuous service we offer a travel loan scheme where we can advance you the cost of your season ticket (subject to certain limits) and deduct this from your net salary each month, thus spreading the cost of your ticket across the year.

Parking:

LDE have partnered with neighbouring UEL to secure staff car parking space. There is a limit on how many spaces we get per year and a cost. The parking charge is currently 0.6% of gross monthly salary. You will have to apply for a permit space on a yearly basis.

Staff Children Admission Category:

The LDE UTC Admissions Policy includes a category of admission relating to the children of staff, who may be given priority in the allocation of student places at the school if either of the following criteria are met:

- Where the member of staff has been employed at the school for two or more years at the time at which the application for admission to the school is made; and/or
- The member of staff is recruited to fill a vacant post for which there is a demonstrable skills shortage.



Occupational Health Service:

LDE work with an external company to provide a high quality OH service.

Flu Jab:

If you wish to take the seasonal flu jab and are not entitled to a free one, LDE will reimburse you for this. We want our staff to stay fit and well.

Staff Well-being Committee (SMILE):

Members of staff have set this committee up to support well-being amongst staff. Events/team outings are often arranged

Multi-faith Chaplaincy:

The Haven room located on site is a space which has been created to help you think about how faith, spirituality, and values shape who we are and the choices we make in life. It is a place where you can talk to someone, a place to unwind or if you want to make a difference in your community, the Chaplains can help.

IT Equipment:

Upon starting with LDE, you will receive a high-quality laptop and laptop bag to the value of £900 on average.

Flexible Working and Working from Home:

We are happy to be able to offer flexible working to our staff and most staff members take advantage of this and work from home 20% of the week in some shape or form. For teachers this may work around your timetable. For support staff, depending on role, this could be one day at week home working.

We have also implemented a 4.5 day timetable for learners, creating 54% learner contact time and 46% of the working week for PPA and CPL. 10 of the 190 days for our learners are 'flipped learning days' allowing further time for CPL and PPA for teaching staff.

Personal Development:

LDE offer opportunities for personal and professional development in a supportive environment. Newly qualified teachers to the school are allocated a mentor at the start of their employment and there is a well-planned Induction process for all staff.

Sight Tests & Corrective Spectacles/Contact Lenses:

LDE staff are entitled to basic vision tests. There are allowances (usually £50) to reimburse staff members for eye tests and the purchase of VDU spectacles/contact lenses.



Annual Leave:

On joining LDE, support staff working all year round will benefit from 28 days' annual leave per annum pro rata, plus 8 bank holidays.

Pension Scheme:

Teachers:

Membership of the Teacher's Pension Scheme.

Key benefits of the scheme are:

- You receive a guaranteed pension through the Teachers' Pension Scheme.
- You pay into your pension and so does LDE as your employer.
- It's a Defined Benefit Scheme, registered with HM Revenue and Customs, based on your salary and service rather than investments – so there'll be no nasty surprises when you come to claim your pension.

Support staff:

Member of the Local Government Pension Scheme, key benefits to you are:

- Secure pension.
- Flexibility to pay more or less contributions depending on your circumstances, tax efficient now and in the future.
- Freedom to choose when you would like to take your pension between the age of 55 and 75.

Long Service Recognition and Reward:

Staff are rewarded in recognition for their hard work, dedication and loyalty with a bonus following 5 and 10 years of service.

Eligible staff are entitled to the following:

5 years' service - £250

10 years' service - £500

This is paid via payroll at the end of September to all staff who passed the milestone (5 or 10 years) during the previous 12 months and remain employed.

Electric Car Scheme:

Electric Car Salary Sacrifice Scheme is open to all staff following a successful probationary period. We work with a third-party provider to offer the best and environmental friendly driving solution for staff. There are huge savings available on pure electric vehicles as Benefit in Kind is just 2% between April 2022 and April 2025, meaning you can make significant tax and NI savings on the scheme.

Discounted Gym:

A discounted gym membership at UEL SportsDock is available for LDE UTC staff, just show your LDE UTC ID badge at SportsDock to benefit from this.



Job Title:	Apprentice Technician
Location:	London Design & Engineering UTC / Newham
Contract type:	Fixed Term. Full time.
Salary:	Apprenticeship Salary
Accountable to:	Lead Technician

Context:

Opened in 2016 with a pioneering mission, LDE UTC reimagines secondary education by fusing cutting-edge technology with real-world industry engagement. Designed to meet the demands of the Fourth Industrial Revolution, LDE UTC is now a highly sought-after institution, oversubscribed and celebrated for offering learners of all abilities a future-focused education.

As part of the wider Technical Education Skills Trust (TEST), LDE UTC forms a vibrant educational ecosystem that encompasses LDE UTC6Form, the Engineering Skills College, the East London Furniture Institute (ELFI), and indEX. Our curriculum is co-designed with major employers and universities, providing learners with real-world experiences and practical skills.

The Apprentice Technician will play an essential role in supporting the efficient running of the Design and Technology workshops, maintaining a safe and clean learning environment, and enabling teachers and learners to deliver outstanding project-based technical education.

Core Purpose:

To support the daily operations of the Design and Technology workshops by preparing materials, maintaining tools and machinery, and upholding the highest standards of health, safety, and cleanliness. This apprenticeship offers a valuable opportunity to gain hands-on experience while working towards a recognised qualification.

The apprentice will work towards the Level 3 Engineering Maintenance Technician apprenticeship. This programme is ideal for candidates interested in pursuing a career in engineering and technical services.

Key Responsibilities:

Workshop Support and Preparation

- Assist teaching staff by preparing materials, tools, and equipment for practical sessions in engineering disciplines such as mechanical, electrical, or construction.
- Set up workbenches, machinery, and demonstration areas before lessons, ensuring all components are functional and ready for use.
- Support the dismantling and cleaning of workstations after sessions, ensuring tools are returned and stored correctly.
- Help fabricate or assemble basic teaching aids or demonstration models under supervision.
- Develop role of supporting teaching staff for specific teaching activities.

Machine and Equipment

- Perform routine cleaning and inspection of all equipment in accordance with agreed schedules
- Perform daily and weekly checks on workshop machinery (e.g., lathes, milling machines, 3D printers, CNC routers) to ensure they are clean, lubricated, and safe to operate and ensure that this is all recorded appropriately and in a timely manner.
- Assist with minor repairs such as replacing worn parts, tightening fittings, or changing blades, under the guidance of a senior technician.
- Maintain logs of maintenance activities and report any faults or safety concerns promptly.
- Learn to use diagnostic tools and follow manufacturer guidelines for equipment upkeep.

Health, Safety and Compliance

- Conduct visual inspections of the workshop to identify and report hazards such as spills, damaged tools, or obstructed exits.
- Participate in the maintenance of Health and Safety records.
- Ensure all tools and materials are stored in accordance with COSHH (Control of Substances Hazardous to Health) and college safety policies.
- Support the enforcement of PPE (Personal Protective Equipment) use among students and staff.
- Participate in safety drills and contribute to risk assessments for new equipment or procedures

Inventory and Ordering

- Monitor stock levels of consumables (e.g., screws, wires, lubricants, timber, metal sheets) and notify the supervisor when reordering is needed.
- Help maintain an organised inventory system using spreadsheets or digital stock management tools.
- Receive deliveries, check items against purchase orders, and store them in designated areas.
- Label tools and materials clearly to ensure easy identification and safe handling.

Learning and Development

- Enrol in and actively work towards a Level 2 or 3 Apprenticeship in Engineering, Construction, or Design & Technology.
- Develop working knowledge of equipment and work towards accredited training on all equipment.
- Attend internal training sessions on topics such as machine safety, tool handling, and workshop management.
- Shadow experienced technicians and instructors to gain hands-on experience and technical knowledge.
- Take part in departmental meetings, contribute ideas for improving workshop efficiency, and reflect on learning progress through regular reviews.

Equal Opportunities:

- Maintain and demonstrate a good understanding and knowledge of equalities legislation and the College's Equality and Diversity policies as applicable to the role.

Safeguarding:

- Maintain and demonstrate a good understanding and knowledge of Safeguarding Children and the College's Safeguarding policies and procedures as applicable to the role.

Professional Development:

- Maintain and update your own knowledge and skills in line with the requirements of the role.
- To undertake professional development opportunities to keep abreast of best practice
- Attend meetings as required.
- Undertake any additional training highlighted by line management feedback.
- Lead by example to maintain a high standard of professionalism.

Other duties:

- Adopt a professional approach at all times and ensure all areas of personal activity comply with standards laid down by the UTC.
- Perform any other duties that reasonably align with the general nature of the position and correspond to the responsibilities at this level.

N.B: This job description will be reviewed annually and may be subject to amendment or modification at any time after consultation with the post holder. It is not a comprehensive statement of procedures and tasks but sets out the main expectations of the college in relation to the post holder's professional responsibilities and duties.

Person Specification

The successful applicant will be able to demonstrate the following minimum requirements in their career.

Criteria	Essential	Desirable	Evidence by
Qualifications/Experience			
GCSE grades A-C in English and Mathematics (A)	✓		Application
Knowledge/Understanding			
A basic knowledge of ICT (Information Communications Technology) as relevant to the requirements of this post	✓		Application/Interview
Good Knowledge of Microsoft Office Suite	✓		Application/Interview
Good Technical Knowledge related to the curriculum area being supported	✓		Application/Interview
An understanding of, and demonstrable commitment to, Safeguarding Children and Young People	✓		Application/Interview
Skills/Abilities			
Good level of technical skills	✓		Application/Interview
Able to work with high accuracy and attention to detail	✓		Application/Interview
Able to motivate and influence others effectively	✓		Interview
Strong interpersonal skills, able to work collaboratively across teams	✓		Interview
Ability to identify and solve faults and problems	✓		Interview
Organisational skills, ability to manage time and prioritise well, meet deadlines and work under pressure	✓		
Personal Attributes/Characteristics			
Pro- active approach, willingness to work/ learn	✓		Application/Interview
Approachable, adaptable, and resilient	✓		Interview



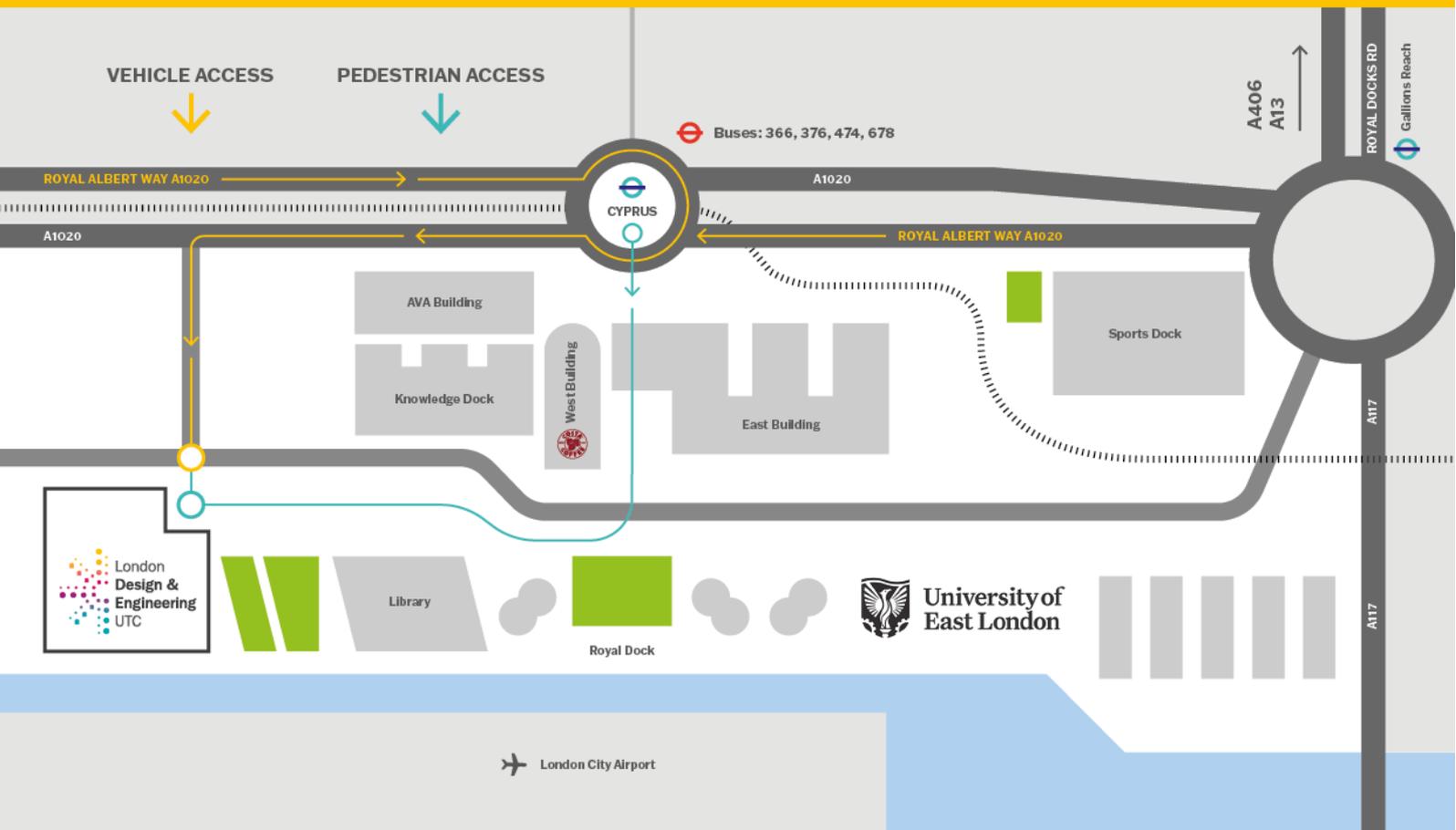
Please apply via TES or email your completed application to: HR@ldeutc.co.uk

Closing date: Friday 22nd August 2025 at 9am

Shortlisting: Week commencing Monday 25th August 2025

Interviews: Week commencing Monday 1st September 2025

Start date: September 2025



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