



# ENGINEERING SKILLS COLLEGE

Considering a career in Digital,  
Civil or Mechanical Engineering?

An Apprenticeship may be right for you.



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## INTRODUCTION

As the Head of Apprenticeships for the Engineering Skills College, I am incredibly proud to be a part of an exciting time for our sector where growth and quality is high on the agenda. With a varied programme, providing a broad understanding of technologies and materials used in modern day constructions such as site surveying, CAD drawing skills, building regulations and more, our specialist staff come with a wealth of industry experience delivering an enriched curriculum.

We take a very proactive role with our employer partners to ensure that every learner supported becomes occupationally competent within their careers and as a result, Ofsted recognise;

**“Learners are confident as they approach the latter stage of their training.”**

We actively encourage diversity and welcome applicants from near and far to join the Engineering Skills College and play a major role in shaping the future of the engineering industry!

**Sharna Rolle**  
**Head of Apprenticeships**



## LEARNER ADMISSION

Have you considered a career in Digital, Civil or Mechanical Engineering?

An Apprenticeship may be the right choice for you.

Apprenticeships combine practical training in a job with study.

As an apprentice you will:

- Be 16 years or over and not in full-time education
- Have Maths and English L2/grade 4 or above or working towards achieving a level 2
- Be an employee of an organisation, earning a wage and getting holiday pay
- Work alongside experienced staff, mentors and peers
- Gain job-specific skills known as on and off the job training
- Get time for training and study at college

At Engineering Skills College, we will provide a blended learning approach which includes one day a week day release and we have a team of highly experienced tutors and assessors who support and assess you to meet the occupational standards required to achieve your qualification.



## ABOUT ENGINEERING SKILLS COLLEGE

Engineering Skills College is a high-tech registered Apprenticeship Training Provider delivering standards in level 3 and 4 Digital, Construction and Mechanical Engineering in collaboration with fifty plus levy and non-levy regional and national employers since 2017.

We share an important role with our employer partners to ensure apprentices develop the knowledge, skills and behaviours required to achieve their chosen Apprenticeship standard, and work with a team of highly dedicated teachers and assessors who come with a wealth of real industry expertise.



# CIVIL ENGINEERING TECHNICIAN

Gain a level 3 or 4 and become a Civil Engineer Technician and provide technical support to engineers and other construction professionals. This qualification will allow you to meet the requirements for Technician Membership of the Institute of Civil Engineers subject to success. This qualification will also assist companies to meet their contractual obligations with regards to public procurement, to provide Apprenticeships and to have sufficient professionally qualified staff.

"Very supportive to both our apprentice and business generally. Thank you."

**Simon Lambourne - Konform**

"K10's experience of collaborating with the staff at London Design & Engineering UTC has been delightful. Our apprentices have expressed a great deal of appreciation regarding the quality of instruction and the professionalism of the staff, and we look forward to continuing our partnership with the team in the future."

**Peter Bannister - K10**



"I have enjoyed seeing my mathematical skills develop in the short time I've been here. I also obtained a distinction in my first assignment which has set the benchmark of the grades I want to achieve.

If I could offer one piece of advice to LDE UTC learners it would be to develop your interpersonal skills- listen actively, contribute to conversations, and learn to work efficiently in groups. Following this advice will really help you in working life."

**Hannah Penn**

L3 Civil Engineering Technician apprentice - City of London

# DIGITAL ENGINEERING TECHNICIAN

Becoming occupationally competent in this role will equip you to support senior digital engineers and specialists in completing complex tasks using digital engineering techniques.

As part of your learning, you will gain the technological skills and communication skills to forge links in an increasingly fast paced and diverse digital environment.

"I enjoy working with the different software's, visualisations, design aspect. I am naturally drawn towards modelling and visualisation."

**Babatunde Amosu - Ex-digital engineering technician apprentice who achieved a distinction in his EPA, company Bam Nuttall**



## DIGITAL SUPPORT & TECHNOLOGY

Help to diagnose and solve issues with internal users to optimise their use of digital technologies, whilst thriving in a fast energetic environment where your role will be pivotal in providing a first-class service.

Enhance your digital skills and keep up to date with technology in all sectors with the support of LDE's sophisticated IT team, who can help you to develop your skills and knowledge through mentoring.



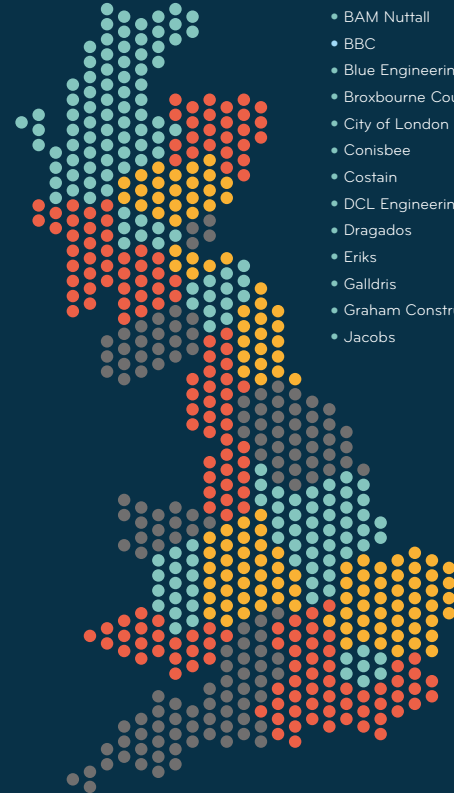


# EMPLOYERS, SPONSORS & PARTNERS

Since 2017 Engineering Skills College has had the pleasure of working with over 50 regional and national employers, helping to deliver a bespoke service from advertising for and interviewing new candidates, to conducting training needs analysis and providing extensive guidance.

We pride ourselves on being fortunate to have a reputable group of Sponsors and Partners: Costain, Skanska, Thames Water, Tideway, Institute of Civil Engineers and more who are invested in the work we do. These strong links help us to construct learning activities, projects and visits that form an integral part of the curriculum and learning.

# APPRENTICESHIPS EMPLOYER PARTNERS



- Balfour Beatty
- BAM Nuttall
- BBC
- Blue Engineering
- Broxbourne Council
- City of London
- Conisbee
- Costain
- DCL Engineering
- Dragados
- Eriks
- Galldris
- Graham Construction
- Jacobs
- K10
- MACE
- Murphy
- One Consult
- Pell Frischmann
- Ringway Jacobs
- Royal Borough of Greenwich
- Skanska
- Southwark Council
- Toren
- Thames Water
- Vinci
- Walder Sharp
- CAD Services
- Cadent Gas
- Essex Highways
- HG Construct
- Konform
- Morrish Consulting Engineers
- Severn Partnership
- Thurrock Council
- Eurovia
- Perega
- RJL Engineering
- Robert Wynter Partnership



## END POINT ASSESSMENT

Our industry led End Point Assessment organisations deliver high-quality, robust assessments across a range of Digital, Construction and Mechanical Engineering level 3 and 4 standards, and provide extensive guidance and support to our apprentices and their employers through information sessions.

These cover the requirements of gateway and end point assessment, so all participants know what to expect.

## PROGRESSION & END DESTINATIONS

Apprenticeships are recognised qualification which have equivalent educational levels.

	LEVEL	EQUIVALENT
Intermediate	2	GCSE
Advanced	3	A-Level
Higher	4, 5, 6 & 7	Foundation Degree & Above
Degree	6 & 7	Bachelor's or Masters Degree

Completing an Apprenticeship with the Engineering Skills College, will open a pathway into a wider range of careers and enable learners to progress on to the Pearson BTEC Higher National Certificate in Construction and the Pearson BTEC Higher National Diploma in Construction.

Progression is also possible to Foundation Degrees, BSc. and BEng degrees in Construction and Civil Engineering which many learners decide to do, with some progressing to MEng and MSc.

## EMPLOYER ENGAGEMENT

Throughout the academic year, our apprentices actively participate in a variety of employer engagement activities with renowned construction firms such as Ramboll, Riverlinx, Tideway, Lovell, and Telford Homes to name but a few. These engagements offer invaluable opportunities for apprentices to gain firsthand insights into diverse aspects of the construction industry.

During these interactions, apprentices have delved into critical areas including health and safety protocols, building regulations, and innovative construction techniques such as tunnelling. These immersive experiences not only broaden their industry understanding but also enhance their practical knowledge and skills.

At Riverlinx, apprentices explored cutting-edge construction methodologies and witnessed large-scale infrastructure projects firsthand. Similarly, engagements with Tideway provided insights into sustainable construction practices and environmental considerations. Visits to Lovell and Telford Homes offered exposure to residential construction processes, project management strategies, and client relations.



These experiences play a pivotal role in shaping our apprentices' professional development, preparing them for the diverse challenges of the construction industry.

We are immensely grateful for the collaborative partnerships with these esteemed construction firms, which continue to enrich our apprentices' learning journeys and equip them with the knowledge, skills, and confidence to excel in their future careers.

VEHICLE ACCESS



PEDESTRIAN ACCESS



ROYAL ALBERT WAY A1020

Buses: 366, 376, 474, 678

A406  
A13

ROYAL DOCKS RD  
Gallions Reach

A1020

A1020

ROYAL ALBERT WAY A1020

CYPRUS

AVA Building

Knowledge Dock

West Building

East Building

Sports Dock



ENGINEERING SKILLS COLLEGE



Library

Royal Dock



University of East London



A117

A117

London City Airport



## OUR ADDRESS

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Apprenticeship Business Lead: Gill Lois

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## FIND OUT MORE

→ [www.engineeringskills.college](http://www.engineeringskills.college)



## OUR SPONSORS



**SKANSKA**



We are proud to  
be PART of the  
London Design &  
Engineering UTC

