



Create your future

# CREATE YOUR FUTURE

**WE ARE**

**UNIVERSITY**

**ACADEMY OF**

**ENGINEERING**

**SOUTH BANK**

**POST 16**

“London South Bank University is delighted to sponsor the University Academy of Engineering South Bank. This Academy with purpose designed laboratories and engineering facilities offers outstanding learning opportunities for young people in Southwark and beyond, preparing them for tomorrow's advanced technology world.”

**Professor Dave Phoenix, OBE – Vice Chancellor**



# WELCOME

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**Building on the success of our new Academy we are excited to offer a comprehensive Post 16 study sponsored by London South Bank University, in our custom designed learning environment with state of the art science, design and engineering facilities.**

Our bespoke curriculum has been designed by the experts in the university and Academy together with our business and industry partners. Our students will enjoy enriching learning experiences that will enable them to transition smoothly on to university, higher apprenticeships and the world of work. The University Academy of Engineering is part of the South Bank Academies Multi Academy Trust, which aspires to create outstanding career opportunities for young people in South London through distinctive STEM education that also embraces creativity.

We recognise that secondary education is the most important stage that sets the career direction for young people. We therefore offer individualised learning opportunities depending on the aptitudes and aspirations of each of our students.

Our curriculum is distinctive and engages the learners through project based learning with support from our business and industry partners, promoting learning in a real world context. The Academy offers an inclusive curriculum and a learning environment and ethos that foster confidence and enterprise in our students, giving them a competitive advantage in their future careers.

The Academy is sponsored by London South Bank University and all the Academy's students are automatically Associate Students of the University with access to the University's library, high technology laboratories, workshops and sporting facilities.

I am confident that the high quality teaching & learning and personal development support at our Academy will ensure all our students will be the most sought after by good universities and employers.

I invite you to review the prospectus and the Academy's website and warmly welcome you to visit the Academy.

**Professor Rao Bhamidimarri**  
**Chair of the Governing Body**



**Our Post 16 students follow a bespoke curriculum, constructed not only from our specialist STEM subjects: science, technology engineering and mathematics, but also design, languages, business and economics. Students with aptitude and interest in these areas and a good work ethic are invited to apply. The learning will be professionally orientated, employability focussed and also designed to foster confidence, encourage enterprise and creativity. Our students will be treated as adults and individuals, allowing and encouraging them to develop and succeed.**

Working with our university and business partners allows us to connect the curriculum with a range of other enhanced learning experiences. This ensures students develop holistically and learn within real world contexts, providing the best possible foundations for STEM based university study, higher apprenticeships and employment, enabling them to be active citizens in our ever advancing technological world. These partnerships also provide privileged employer connections and highly specialist facilities.

Our students are automatically become Associate Students of the University with access to the University's high technology laboratories, workshops, library and sporting facilities.



# STUDY AT OU



**YING**

**R POST 16**

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# OUR CURRICULUM OFFER

We will also offer you the chance to improve your Maths and English GCSE grades to an A or A\*.



**DID YOU KNOW?**

**80%**

OF THE 1.28 MILLION STEM  
PROFESSIONALS NEEDED BY 2020  
WILL WORK IN ENGINEERING  
OCCUPATIONS

**AS & A2 LEVEL  
COURSES**

ART AND DESIGN

BIOLOGY

CHEMISTRY

COMPUTER SCIENCE

CORE SKILLS MATHS

DESIGN AND TECHNOLOGY:  
PRODUCT DESIGN

FURTHER MATHS

MATHS

PHYSICS

**L3 BTEC & SUBSIDIARY  
DIPLOMAS**

EXTENDED ENGINEERING DIPLOMA

FINANCIAL STUDIES CERTIFICATE

INFORMATION AND CREATIVE  
TECHNOLOGY DIPLOMA

**ENRICHMENT**

3-D PRINTING

BMX

CERAMICS

GARDENING

PHOTOGRAPHY

MANDARIN

MENTORING

EXTENDED PROJECT QUALIFICATION

SELF-DIRECTED LEARNING

SPANISH

VOLUNTEERING



# UNIVERSITY AND BUSINESS PARTNERS

**The University Academy of Engineering Southbank offers a unique experience for Post 16 students.**

- Personalised mentoring from the London Southbank University students and staff, our business and industry partners as well as Academy's specialist staff.
- State of the art facilities at our brand new building and the London Southbank University, offering the best possible learning environment for students to excel.
- A bespoke STEM curriculum designed to connect learners to our university and business partners through real world projects.
- Outstanding teaching contextualised within our "University Challenges" to emphasise connected learning and focus on innovation and creativity.
- Leadership opportunities as part of our vertical mentoring system, working alongside our community leaders to lead enrichment sessions for other community members.
- 'Flexible walls' approach to learning between the Post 16 and our university sponsor, sharing teaching expertise and resources to support successful and seamless transitions.

## DID YOU KNOW?



GRADUATES IN STEM SUBJECTS  
CAN EXPECT TO RECEIVE  
AMONGST THE HIGHEST SALARIES  
OF ALL NEW RECRUITS

# OUR SPONSOR

**We are sponsored by London South Bank University, a technological university established over 120 years ago, with a strong record of working with industry and employers.**

Post 16 students have the opportunity to immerse themselves within this unique, engaging culture and work alongside undergraduate and postgraduate students on exciting, real world projects using state of the art laboratories and engineering facilities.

Students benefit from working in partnership with the staff and students of London South Bank University in developing their career plans whether through links with world leading industries and businesses or receiving advice on UCAS applications for progression into higher education.

The staff of our sponsoring university also provide supervision of student projects and career guidance to all our Post 16 students. Students who achieve the minimum requirements have priority pathways into the University for higher education.





# PROGRESSION ROUTES

**Our Post 16 has been designed to create a smooth transition to university, higher apprenticeships and the world of work.**

We have the full support of the London South Bank University's careers and guidance team and our business partners who work alongside our Post 16 students throughout their courses. They coach students through the process of applications working with each individual's strengths and interests. Developing our students' skill set for: writing powerful personal statements and CVs, providing a model of professionalism including workplace image, preparing for interview success and speaking publicly with confidence. We are passionate and committed to ensure that all students' progression routes connect them with the successful future.

## DID YOU KNOW?

BETWEEN 2010 & 2020  
ENGINEERING COMPANIES ARE  
PROJECTED TO SEE

**2.74 MILLION  
JOB OPENINGS**





# ENRICH



# MENT



**At UAESB our enrichment programme is fundamental to providing the fully-connected learning experience which we are passionate about providing for students. The exciting programme provides a variety of activities that students enjoy whilst widening their skill set, interests and gaining confidence. Enrichment also includes educational visits and opportunities to work alongside professionals within our business and industry fields.**

Our business partners tell us that leadership skills are a key component of successful careers and are keenly sought after by universities and employers. We invest time and resources in developing students' broader skill set including leadership, enterprise, teamwork, problem solving and creativity. Each Post 16 student has the opportunity to plan and deliver engaging enrichment sessions for other students within our wider community. They act as role models, mentors and motivate other students enabling them to shine amongst peers when it comes to university and job applications.

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# APPLYING TO JOIN OUR POST 16

**If you are an ambitious, conscientious and hardworking student who thrives in STEM areas of learning, this is the place for your Post 16 studies.**

Please do visit us to find out more about our offer and see if you could visualise yourself excelling with us.

For more information about applying please visit our website at [www.uaesouthbank.org.uk](http://www.uaesouthbank.org.uk)

We very much look forward to welcoming you to our University Academy of Engineering South Bank Post 16 in the near future.

## **DID YOU KNOW?**

OVER HALF OF THE LOCAL PARENTS WE SURVEYED THOUGHT THAT STUDYING AT UAE SOUTH BANK WOULD LEAD TO A WELL-PAID JOB



**CREATE  
YOUR  
FUTURE**



“UAE South Bank Academy is an outstanding place of education providing distinctive educational and career opportunities for young people in South London. Engineering in the broader STEM framework is key to the economic sustainable development and social well-being. We offer a unique learning curriculum and learning environment for the students to prepare themselves for emerging engineering and digital technology higher education and careers in partnership with business, industry and our community.”

**Professor Rao Bhamidimarri**  
**Chair of the Governing Body**

## CONTACT US

### University Academy of Engineering South Bank

Trafalgar Street, London SE17 2TP

[www.uaesouthbank.org.uk](http://www.uaesouthbank.org.uk)

To request a visit or to chat to us about the Academy call us on 020 7277 3000 or email at [info@uaesouthbank.org.uk](mailto:info@uaesouthbank.org.uk)

### GETTING HERE:

Public Transport links are extremely frequent. If you are planning to come by car, please contact the Academy Reception first as parking onsite is restricted.

#### Nearest railway station

Elephant & Castle

#### Nearest tube station

Elephant & Castle

### BY BUS:

**Bus Routes: 12, 35, 40, 45, 68, 171, 176**

(East Street, Walworth Road)

**21, 53, 63, 353**

(Old Kent Road)

**42 & 343**

(East Street)

