DIGITAL EDITION

Course Guide

Year 12 Entry

South Bank UTC
LSBU | GROUP
SUPPORTING THE NHS

Welcome!

"At South Bank UTC your future starts here! We want to inspire and teach the next generation of Engineers and Health Care Professionals."

Austin Sheppard
Principal

At South Bank UTC we deliver specialist education in engineering and health. We are driven by our values; Innovation. Integrity and Intent. Taking an innovative approach to teaching and learning allows creative thinking and develops problem solving skills. It helps to prepare our students for work, higher education and apprenticeships. Whilst Integrity places a focus on professional conduct and trust, a clear intent drives forward our ambition to succeed.

Our facilities are industry standard, with advanced engineering workshops, laboratories, health, computing and personalised learned spaces that all are designed to be STEM focused. We offer technical opportunities that traditional schools can't with 3D printing, laser cutting, robotics and a simulated health environment.

As part of the LSBU Group, led by London South Bank University, we share a passion to provide excellent, accessible and supportive education to enhance career outcomes. We are proud to work with so many world class industry sponsors including Skanska, Guy's and St Thomas' and Kings College NHS Trusts.

Our specialisms in engineering and health link to the proud heritage in London. We are delighted to be developing the next generation of engineers, nurses, midwives, oncologists, physiotherapists and so much more. We allow our students to apply their imagination, ideas and creativity to their learning, whilst also developing key skills like teamwork, leadership and communication skills.

Our students are motivated, creative and adapt well to an academic and technical environment. We offer opportunities most traditional schools can't – come and see!

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What is a UTC?

First UTC Opened 2010

University Technical Colleges (UTCs) are government-funded schools with a STEM focus.

They provide a unique and relevant approach to education which addresses the changing needs of students and employers in the 21st Century.

Established by companies and universities in areas of high demand for talent, UTCs provide sought-after technical qualifications and benefit from industry standard equipment and specialist staff to provide students with the skills valued by employers.

South Bank UTC

Our UTC is Sponsored by London South Bank University, Skanska UK, King's College NHS Trust and Guys and St Thomas' NHS Trust.

Today

Today, 48 UTCs are open across England, educating 16,000 students, and supported by more than 400 employers and universities.

Open Days

Thursday	Wednesday	Thursday
28th January 2021	24th March 2021	29th April 2021
SIGN UP LINK	SIGN UP LINK	SIGN UP LINK

Visit **Southbankutc.com** to sign up today.

Year 12 Course Overview

We've got four Faculties

1. Science & Health
2. Maths & Computer Science
3. English & Business
4. Engineering

1 Science & Health

A-Level Chemistry
Page: 6
Course Duration: 2 Years
Qualification: 1 A-Level
Timetable Hours: 5 Hours per week

A-Level Biology
Page: 10
Course Duration: 2 Years
Qualification: 1 A-Level
Timetable Hours: 5 Hours per week

Health and Social Care BTEC Level 3 Diploma
Page: 14
Course Duration: 2 Years
Qualification: BTEC Extended Diploma equivalent to 3 A-Levels
Timetable Hours: 20 Hours per week

A-Level Physics
Page: 8
Course Duration: 2 Years
Qualification: 1 A-Level
Timetable Hours: 5 Hours per week

Health and Social Care
Page: 12
Course Duration: 2 Years PT or 1 year FT
Qualification: BTEC Level1/2 Tech Award
Timetable Hours: 2 years 4 hours per week; 1 year 8 hours per week

2 Maths & Computer Science

A-Level Computer Science
Page: 16
Course Duration: 2 Years
Qualification: 1 A-Level
Timetable Hours: 5 hours per week

A-Level Maths
Page: 18
Course Duration: 2 Years
Qualification: 1 A-Level
Timetable Hours: 5 hours per week

3 English & Business

English Literature
Page: 20
Course Duration: 2 Years
Qualification: 1 A-Level
Timetable Hours: 5Hours per week

A-Level Business Studies
Page: 22
Course Duration: 2 Years
Qualification: 1 A-Level
Timetable Hours: 5 Hours per week

BTEC Level 3 National Extended Certificate Diploma in Business
Page: 24
Course Duration: 2 Years
Qualification: Equivalent to 1 A-Level
Timetable Hours: 5 Hours per week

4 Engineering

Engineering BTEC Certificate or Diploma
Page: 26
Course Duration: Extended Certificate (1 A level) - 1 Year FT or 2 Years when studied with A levels / **National Diploma** (2 A level) - 2 Years FT
Qualification: BTEC in Engineering - Extended Certificate or Diploma.
Timetable Hours: Varies depending on units and course taken

1 A-Level Chemistry

A-Level Chemistry **Course Duration: 2 Years**

A level Chemistry courses cover a wide variety of basic concepts such as the structure of the atom; the interaction of matter and energy; how to control reactions; patterns in the Periodic Table and understanding carbon-based molecules.

A level Chemistry makes an excellent A level choice, offering you access to a wide range of university courses and careers. A Level Chemistry, often in conjunction with other science-based subjects, can lead to the following types of degree course: Biomedical Sciences, Biochemistry, Chemical Engineering, Dentistry, Dietetics, Earth Sciences, Environmental Science, Geology, Medical Science, Medicine, Optometry, Pharmacy and Physiotherapy.

Studying A-Level Chemistry is an interesting and challenging learning experience, linking key ideas and understanding how they relate to each other. The development of transferable skills including: investigative, problem solving, research, decision making, mathematical skills and analytical skills.

Modules

Year 1

Module 1 – Development of practical skills in chemistry

Module 2 – Foundations in chemistry

Module 3 – Periodic table and energy

Module 4 – Core organic chemistry

Year 2

Module 5 – Physical chemistry and transition elements

Module 6 – Organic chemistry and analysis

Useful Information

Qualification: 1 A level

Exam Board: OCR Specification: https://www.ocr.org.uk/Images/171720-specification-accredited-a-level-gce-chemistry-a-h432.pdf

Course Entry Requirements: 5 grade 5s including English and Maths and 6s in Chemistry or Combined Science

Duration of qualification: 2 years

Timetable hours: 5 hours per week

Assessment method: Two externally assessed examinations plus a non-examined practical

Department: Science

Courses Available: AS or A Level

Career Pathways: University / Apprenticeships

Transferable Skills: investigative, problem solving, research, decision making, mathematical skills and analytical skills.

Enquiries:

Ayan Abdi - Director of Health and Science

Tel: 020 7738 6115
Email: Ayan.abdi@southbank-utc.co.uk

1 A-Level Physics

A-Level Physics **Course Duration: 2 Years**

A level Physics gives you the opportunity to explore the phenomena of the universe and to look at theories that explain what is observed. This subject combines practical skills with theoretical ideas to develop descriptions of the physical universe. A Level Physics demonstrates to an employer that you have analytical and mathematical skills that you can apply to real life situations.

A Level Physics, often in conjunction with other science-based subjects, can lead to the following types of degree course Aerospace engineer, Aerospace engineers, Airline pilot, Architect, Biomedical engineer, Biomedical scientist, Building services engineer, Clinical engineer and Electrician.

Modules

Year 1

Module 1 – Development of practical skills in physics

Module 2 – Foundations of physics

Module 3 – Forces and motion

Module 4 – Electrons, waves and photons

Year 2

Module 1 – Development of practical skills in physics

Module 5 – Newtonian world and astrophysics

Module 6 – Particles and medical physics

Useful Information

Qualification: 1 A level

Exam Board: OCR Specification: https://www.ocr.org.uk/Images/171726-specification-accredited-a-level-gce-physics-a-h556.pdf

Course Entry Requirements: 5 grade 5s including English and Maths and 6s in Physics or Combined Science

Duration of qualification: 2 years

Timetable hours: 5 hours per week

Assessment method: Two externally assessed examinations plus a non-examined practical

Department: Science

Courses Available: AS or A Level

Career Pathways: University / Apprenticeships

Transferable Skills: investigative, problem solving, research, decision making, mathematical skills and analytical skills.

Enquiries:

Ayan Abdi - Director of Health and Science

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1 A-Level Biology

A-Level Biology **Course Duration: 2 Years**

Studying A-Level Biology is an interesting and challenging learning experience, linking key biological ideas and understanding how they relate to each other. Science is about understanding the world around us and students learn to think for themselves, gathering and using evidence to explain their observations. Students develop skills in thinking for themselves, making predictions and explaining complex ideas in a logical and concise manner. It will also offer opportunity to learn how to conduct research, problem solve, organise and think critically.

A level Biology makes an excellent course choice, offering you access to a wide range of university courses and careers. You'll need biology for most degrees in medicine, biology, biomedical sciences, dentistry, dietetics, physiotherapy, orthotics and veterinary medicine

If you love to learn about living things and how they relate, studying biology might be the right fit for you.

Modules

Year 1

Module 1 – Development of practical skills in biology

Module 2 – Foundations in biology

Module 3 – Exchange and transport

Module 4 – Biodiversity, evolution and disease

Year 2

Module 1 – Development of practical skills in biology

Module 5 – Communication, homeostasis and energy

Module 6 – Genetics, evolution and ecosystems

Useful Information

Qualification: 1 A level

Exam Board: OCR Specification: https://www.ocr.org.uk/Images/171736-specification-accredited-a-level-gce-biology-a-h420.pdf

Course Entry Requirements: 5 grade 5s including English and Maths and 6s in Biology or Combined Science

Duration of qualification: 2 years

Timetable hours: 5 hours per week

Assessment method: Two externally assessed examinations plus a non-examined practical

Department: Science

Courses Available: AS or A Level

Career Pathways: University / Apprenticeships

Transferable Skills: investigative, problem solving, research, decision making, mathematical skills and analytical skills.

Enquiries:

Ayan Abdi - Director of Health and Science

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1 BTEC Level 1/Level 2 Tech Award in Health and Social Care

BTEC Health and Social Care **Course Duration: 2 years PT or 1 year FT**

Our suite of health and social care courses are for learners who wish to work in healthcare roles including nursing, midwifery, social work, biomedical, radiology, physiotherapy, art therapy, care work, and nutrition

Our courses can provide you with a life-like experience of the requirements of working in a health care setting. Building upon your passion and interest, learners have access to learn in our simulated health room, whereby you will have an opportunity to practice the skills needed to work in a health and social care environment, this includes developing effective communication skills, problem solving skills and many more. Our holistic curriculum develops your skills and attitude so that you will know what it is like to build positive relationships with others, show compassion, empathy, and equality and diversity in a healthcare setting. We will support you to develop a person-centred approach to care.

You will focus on anatomy, medical physics, nutrition and biochemistry. You will learn about how to support young people or old people facing challenging circumstances. With an opportunity to work with our NHS sponsors, Guys and St Thomas Trust, your projects will link to areas such as podiatry, dementia and public health. Gaining first-hand information from practitioners about the work they do and the challenges faced, you too will have an opportunity to participate in relevant work experience in a healthcare setting. You will also have the opportunity to work towards the Care Certificate, a requirement for all workers in hospital settings.

Modules

Year 1

- Human Lifespan Development
- Health and Social Care Services and Values
- Health and Well-being (1-year course)

Year 2

- Health and Well-being (2-year course)

Suggested Reading: BTEC Tech Award Health and Social Care Student Book, Publisher: Pearson, Author: Brenda Baker,Colette Burgess,Peter Manning, ISBN: 9781292200927

Useful Information

Qualification: Level 1 and 2 BTEC Tech Award is equivalent to a single GCSE

Exam Board: Edexcel Pearson **-** https://qualifications.pearson.com/content/dam/pdf/btec-tec-awards/health-and-social-care/2017/specification-and-sample-assessments/tech-award-HSC-spec.pdf

Course Entry Requirements: 5 grade 4s (but will not have a 4 in English and or maths).

Duration of qualification: 2 years part time or 1 year full time

Timetable hours: 2 years 4 hours per week; 1 year 8 hours per week

Assessment method: One externally assessed exam plus practical and written assessments throughout the course.

Department: Health Studies

Courses Available: BTEC

Career Pathways: After completing this course, you may wish to progress onto the Level 3 in health and social care

Transferable Skills: Health Studies graduates develop their communication, problem-solving, people skills and organisation skills.

Enquiries:

Miss St Hilaire - Head of Health Studies
Email: sheona.st.hilaire@southbank-utc.co.uk

1 Pearson BTEC Level 3 Extended Diploma in Health and Social Care

Health and Social Care BTEC Level 3 Diploma Course Duration: 2 Years

Our suite of health and social care courses are for learners who wish to work in healthcare roles including nursing, midwifery, social work, biomedical, radiology, physiotherapy, art therapy, care work, and nutrition

Our courses can provide you with a life-like experience of the requirements of working in a health care setting. Building upon your passion and interest, learners have access to learn in our simulated health room, whereby you will have an opportunity to practice the skills needed to work in a health and social care environment, this includes developing effective communication skills, problem solving skills and many more. Our holistic curriculum develops your skills and attitude so that you will know what it is like to build positive relationships with others, show compassion, empathy, and equality and diversity in a healthcare setting. We will support you to develop a person-centred approach to care.

You will focus on anatomy, medical physics, nutrition and biochemistry. You will learn about how to support young people or old people facing challenging circumstances. With an opportunity to work with our NHS sponsors, Guys and St Thomas Trust, your projects will link to areas such as podiatry, dementia and public health. Gaining first-hand information from practitioners about the work they do and the challenges faced, you too will have an opportunity to participate in relevant work experience in a healthcare setting. You will also have the opportunity to work towards the Care Certificate, a requirement for all workers in hospital settings.

Course Content

Year 1

- Human Lifespan Development
- Working in Health and Social Care
- Meeting Individual Care and Support Needs
- Principles of Safe Practice in Health and Social Care
- Physiological Disorders and their Care
- Nutritional Health

Year 2

- Anatomy and Physiology for Health and Social Care
- Enquiries into Current Research in Health and Social Care
- Work Experience in Health and Social Care
- Promoting Public Health

Optional (3 optional units chosen from below)

- Infection Prevention and Control *
- Medical Physics Applications in the Health Sector *
- Microbiology for Health Science*
- Biomedical Science*
- Genetics*
- Biochemistry for Health*
- Caring for Individuals with Dementia*

* Year 2 Optional units are subject to change and will be released in term 3.

Useful Information

Qualification: Level 3 BTEC Extended Diploma is equivalent to 3 A levels

Exam Board: Edexcel Pearson - https://qualifications.pearson.com/content/dam/pdf/BTEC-Nationals/Health-and-Social-Care/2016/specification-and-sample-assessments/9781446938034_BTEC_Nat_ExtDip_HSC_Spec_Iss3C.pdf

Course Entry Requirements: Grade 5s (including English and Maths)

Duration of qualification: 2 years

Timetable hours: 1 year - 20 hours per week

Assessment method: 4 x 1.5 hour exam plus practical and written assessments throughout the course.

Department: Health Studies

Courses Available: BTEC

Career Pathways: Graduates of Health are able to progress on to a health or social care related degree at university, a level 4/5 apprenticeships and/or into employment

Transferable Skills: Health Studies graduates develop their communication, problem-solving, people skills and organisation skills

***Students on this course are required to purchase a lab coat**

Enquiries:

Miss St Hilaire - Head of Health Studies
Email: sheona.st.hilaire@southbank-utc.co.uk

2 A-Level Computer Science

A-Level Computer Science **Course Duration: 2 Years**

The digital age continues to expand with the role of computing pervading throughout almost all industries and organisational processes. Whether you work as a programmer, medical practitioner or marketer it is becoming increasingly important for you to possess, at varying levels of proficiency, some understanding of computer science. Computer science no longer stands alone; it is an ever-increasing part of countless business departments and processes, and in this digital age, even journalists are being encouraged to learn JavaScript and HTML.

Course Content

During this 2 year course 3 components will be taught.

Component 1:

Computer systems - Students are introduced to the internal workings of the (CPU), data exchange, software development, data types and legal and ethical issues. The resulting knowledge and understanding will underpin their work in component 03.

Component 1 covers:

- The characteristics of contemporary processors, input, output and storage devices
- Types of software and the different methodologies used to develop software
- Data exchange between different systems
- Data types, data structures and algorithms
- Legal, moral, cultural and ethical issues.

Component 2:

Algorithms and programming - This builds on component 01 to include computational thinking and problem-solving.

Component 2 covers:

- What is meant by computational thinking (thinking abstractly, thinking ahead, thinking procedurally etc.)
- Problem solving and programming – how computers and programs can be used to solve problems
- Algorithms and how they can be used to describe and solve problems.

Component 3: Programming project

Component 3 covers:
Students are expected to apply the principles of computational thinking to a practical coding programming project. They will analyse, design, develop, test, evaluate and document a program written in a suitable programming language. The project is designed to be independently chosen by the student and provides them with the flexibility to investigate projects within the diverse field of computer science. We support a wide and diverse range of languages.

Useful Information

Exam Board: OCR - https://www.ocr.org.uk/qualifications/as-and-a-level/computer-science-h046-h446-from-2015/specification-at-a-glance/

Timetable hours: 5 hours per week

Qualification: 1 A level

Assessment method: Two externally assessed examinations and a Programming Project

Course Entry Requirements: 5 grade 5s including English and 6s in Maths or ICT

Department: Computer Science

Duration of qualification: 2 years

Courses Available: A Level

Career Pathways: Traditionally, computer science graduates would move into programming and software engineering. However, as the influence of computing continues to grow, graduates can also expect to be offered positions in other departments.

Transferable Skills: Experienced professionals also benefit from possessing a great number of transferable skills. This allows for professionals to move around the computing sector, keeping their workload fresh, while simultaneously developing new and solidifying existing skills and competencies.

Enquiries:

Mark Martin MBE - Head of Computer Science
Email: Mark.Martin@southbank-utc.co.uk

2 A-Level Maths

A-Level Maths **Course Duration: 2 Years**

By studying Maths at A-Level, you'll develop a number of skills, such as:

- Problem-solving
- Analytical Skills
- Research Skills
- Logic

Maths allows you to hone your ability to solve mathematical problems as well as abstract and scientific ones too. These problem-solving skills can then be applied to many different areas of your life. You'll also learn how to analyse patterns, structures and problems, which will in turn, help you to develop a critical eye. This will come in handy in both further study and future careers. Maths at A-Level will leave you with research skills that will allow you to find solutions to problems, investigate theories, and therefore give you the ability to find new information more effectively. Finally, your logical abilities will be developed so that you will have tools needed to tackle a number of diverse areas, from managing your finances to planning projects.

Course Content

Pure mathematics

- Proof
- Algebra and functions
- Coordinate geometry in the x-y plane
- Sequences and series
- Trigonometry
- Exponentials and logarithms
- Differentiation
- Integration
- Numerical methods
- Vectors

Statistics

- Statistical sampling
- Data presentation and interpretation
- Probability
- Statistical distributions
- Statistical hypothesis testing

Mechanics

- Quantities and units in mechanics
- Kinematics
- Forces and Newton's laws
- Moments

Useful Information

Qualification: 1 A-level

Exam Board: OCR https://www.ocr.org.uk/qualifications/as-and-a-level/mathematics-a-h230-h240-from-2017/

Course Entry Requirements: 5 grade 5s including English and 6 in Maths

Duration of qualification: 2 years

Timetable hours: 5 hours per week

Assessment method: Three externally assessed exams

Department: Maths

Courses Available: A Level

Career Pathways: Studying Maths, even if only to A-Level, has a number of advantages in the careers market, and gives you a number of job opportunities. You may even find that you'll use your Maths skills in totally unrelated fields. Some exciting careers that could be open to you if you study A-Level Maths include: Construction/Architecture, Medicine or Scientific Research, Games Development.

Transferable Skills: Investigative, problem solving, research, decision making, mathematical skills and analytical skills.

Enquiries:

Jenna Wilkinson - Head of Maths
Email: jenna.wilkinson@southbank-utc.co.uk

3 A-Level English Literature

A-Level English **Course Duration: 2 Years**

Studying English Literature develops more sophisticated communication skills. It not only helps students to develop a wider vocabulary, but also promotes the crafting of language. This enables students to explore how language can be used to develop and to structure meaning in a range of different texts.

The study of English Literature at A-level sharpens analytical skills, promoting an understanding of the world and how it is connected. Students look closely at the relationships between history and literature, examining complex ideas and patterns that underpin language and literature, and providing skills in interpreting information within a wider context. The OCR A-level English Literature course gives students an opportunity to explore literature from Shakespeare to the 21st century.

Well-respected as an A-level at university, A-level English Literature is seen as a stepping stone to careers such as law, journalism, marketing and business. It is also valued in other fields, such as science and engineering, providing evidence of fluency in English and communication, together with research and analytical skills.

Studying A-level English Literature is a challenging learning experience requiring extensive reading and writing, as well as a willingness to research and analyse new concepts and different ways of looking at the world.

Course Content

Year 1:

- Paper 1 – Shakespeare, Measure for Measure
- Paper 1 – Milton, Paradise Lost Books 9 and 10
- Paper 1 – Webster, Duchess of Malfi
- Coursework – Wilson, Fences, for close reading task
- Coursework – Morrison, Sula, and Rankine, Citizen: An American Lyric

Year 2:

- Paper 2 – Dystopian unseen literature for close reading and contextual analysis
- Paper 2 – Comparative essay on Orwell, 1984, and Atwood, Handmaid's Tale

Useful Information

Qualification: 1 A level

Exam Board: OCR Specification: OCR Specification: https://www.ocr.org.uk/Images/171200-specification-accredited-a-level-gce-english-literature-h472.pdf

Course Entry Requirements: 5 grade 5s including English and Maths and 6 in English Literature

Duration of qualification: 2 years

Timetable hours: 6 Hours per week

Assessment method:
External assessment: Drama & Poetry pre-1900 2 hours 30 minutes (40%), Comparative and Contextual Study (40%)

Non examined assessment: Close Reading or Recreative Writing with Commentary and Comparative Essay coursework (20%).

Department: English

Courses Available: A Level

Career Pathways: University

Transferable Skills: writing and communication, analysis, critical and contextual thinking, planning and research skills

Enquiries:

Ruth Vandenhautte - Director of Humanities
Tel: 020 7738 6115
Email: Ruth.Vandenhautte@southbank-utc.co.uk

3 A-Level Business Studies

A-Level Business Studies **Course Duration: 2 Years**

Business is relevant to the modern and changing world of that we live in. The course is designed to allow teachers and students to manage a diversity of different topics in an efficient and simple way. The qualification offers students an opportunity to learn about project management, finance and strategic management. This is a vital component of 'post-school' life and is of particular relevance to Further Education, Higher Education (HE) and the workplace.

A Level in Business at the UTC provides the opportunity to study a wide range of concepts which can be applied in a variety of contexts with established teachers from Russell Group Universities. Lessons are interactive and tailored to meet the needs of the students with clear focus on academic achievement and application of context to real-life business scenarios.

Student learners may go on to do degrees in Law, Business Management, Accounting and Finance, International Business, Human Resources and Marketing. Other students may choose to go into apprenticeship careers in Project Management, Market Research, Sales, Retail Merchandise and Recruitment.

Course Content

Year 1:

- Introduction to Business
- Business Objectives and Strategy
- External Influences Part 1
- Accounting and Finance
- Human Resource Management

Year 2:

- Marketing
- External Influences Part 2
- Operations Management

Useful Information

Qualification: 1 A Level

Exam Board: OCR https://www.ocr.org.uk/Images/170837-specification-accredited-a-level-gce-business-h431.pdf

Course Entry Requirements: 5 grade 5s including English and Maths and 6 in Business

Duration of qualification: 2 Years

Timetable hours: 6 hours per week

Assessment method: Three externally assessed exams

Courses Available: A Level

Career Pathways: University/Apprenticeships.

Transferable Skills: Business analytical and evaluative decision-making skills, financial skills, organisational and presentation skills, problem-solving skills.

Other Information: Students on the course may be required to purchase the textbook OCR Business for A level by Andy Mottershead, Alex Grant and Judith Kelt.

Enquiries:

Ms Clarise Mofor - Head of Course
Email: clarise.mofor@southbank-utc.co.uk

3 Business BTEC Level 3 National Extended Certificate Diploma

BTEC Business **Course Duration: 2 Years**

BTEC Level 3 in Business is for students who want to access the knowledge, understanding, skills and attributes required in the business sector. All units within the course provide a balance of breadth and depth while at the same time providing a choice for individual students to take study units relevant to their own interests with an opportunity to obtain higher qualification status. Units are delivered in a way that enables students to experience first-hand the application of key concepts relevant to local employment needs. The proportion of mandatory units ensures that all students follow a coherent programme of study, acquiring knowledge, understanding and skills recognised and valued in the working environment.

Choosing this course while studying at the UTC requires students to maintain optimistic rigour and balance, working alongside experienced teachers to develop independent study skills and the ability to transfer learning to their chosen career. BTEC Level 3 involves applied learning that brings together knowledge and understanding (the cognitive domain) with practical and technical skills (the psychomotor domain). This is achieved as learners perform vocational tasks that encourage the development of appropriate vocational behaviours (the affective domain) and transferable skills.

The course covers four units - three of which are mandatory units and one optional unit. Two of the mandatory units are exam based units that can be done up to three times within the 2-year period. All students are expected to show a Pass achievement across ALL mandatory units.

Course Content

Year 1

- Unit 2 – Developing a Marketing Campaign (Mandatory)
- Unit 3 – Personal and Business Finance (Mandatory)
- Unit 1 – Exploring Business (Mandatory)

Year 2

- Unit 8 - Recruitment and Selection Process (Optional)
- Unit 2 - Developing a Marketing Campaign (Another chance to retake controlled assessment)
- Unit 3 – Personal and Business Finance (Another chance to retake external exam)

Useful Information

Qualification: Equivalent to 1 A Level

Exam Board: https://qualifications.pearson.com/content/dam/pdf/BTEC-Nationals/Business/2016/specification-and-sample-assessments/9781446938201_BTECNationals_Bus_Cert_Spec_Iss3C.pdf

Course Entry Requirements: Grade 5s (including English and Maths)

Duration of qualification: 2 Years

Timetable hours: 6 hours per week

Assessment method: 2 Coursework Assessed Units (Unit 1 and Unit 8) 1 external exam unit (Unit 3) – Exam can be taken up to 3 times within 2 years
1 Supervised controlled assessment unit (Unit 2) – controlled assessment can be done 3 times within 2 years

Career Pathways: University – when combined with other qualifications

Transferable Skills: research skills, financial numeracy skills, communication, teamwork, problem-solving skills, report writing skills.

Other Information: Students on the course may be required to purchase the textbook Pearson BTEC National Business Book 1 and Book 2 including key Student Study guides for exam units

Enquiries:

Ms Clarise Mofor - Head of Business
Email: clarise.mofor@southbank-utc.co.uk

4 BTEC Engineering

BTEC Engineering **Course Duration: 1 Year or 2**

The idea behind the BTEC qualification is to provide a different approach to learning, which enables a more inclusive educational path for all. BTECs are vocational and work-related course. With a BTEC in Engineering, you will gain valuable hands-on experience which can take you straight into a career in of industry.

Extended Certificate: This qualification is designed to support progression to apprenticeship or employment when taken as part of a programme of study that includes other appropriate BTEC Nationals or A levels. The Extended Certificate has four units, of which three are mandatory. Units 1 and 3 are externally assessed. The fourth unit is an optional unit.

Course Content

What I will study during this 2 year course

1. Engineering Principles
2. Delivery of Engineering Processes Safely as a team
3. Engineering Product Design and Manufacture
4. Optional Unit

Diploma: This qualification is designed to be the substantive part of a 16–19 study programme for learners who want a strong core of engineering study. This programme may include other BTEC Nationals or A levels to support progression either directly to employment in the engineering sector or to higher education courses in engineering.

Learners are able to focus on specialisms in electrical/electronic engineering, mechanical engineering, manufacturing engineering, aeronautical engineering, computer engineering, or a general engineering pathway. The additional qualification(s) studied allow learners to either give breadth to their study programme by choosing a contrasting subject, or to give it more focus by choosing a complementary subject. This qualification can also be used to progress to employment in this sector.

Course Content

What I will study during this 2 year course:

You will study 5 compulsory Units and 5 Optional Units. Only the compulsory units are listed below.

1. Engineering principles
2. Delivery of Engineering Processes Safety as a Team
3. Engineering Product Design and Manufacture
4. Applied Commercial and Quality Principles in Engineering
5. A Specialist Engineering Project

Useful Information

Qualification: BTEC in Engineering - Extended Certificate or Diploma.

Exam Board: Edexcel BTEC - https://qualifications.pearson.com/content/dam/pdf/BTEC-Nationals/Engineering/2016/specification-and-sample-assessments/SPEC-BTEC-NAT-ENG-ExtDip.pdf

Course Entry Requirements: Grade 5s (including English and Maths)

Duration of qualification: Extended Certificate (1 A level) - 1 Year FT or 2 Years when studied with A levels / **National Diploma** (2 A level) - 2 Years FT

Timetable hours: Varies depending on units and course taken

Assessment method: Ext Cert: External exam (2 Units) and Internal assessment (2 Units) / **Diploma:** External exam (4 Units) and Internal assessment (8 Units)

Courses Available: BTEC

Career Pathways: Employment in an engineering environment

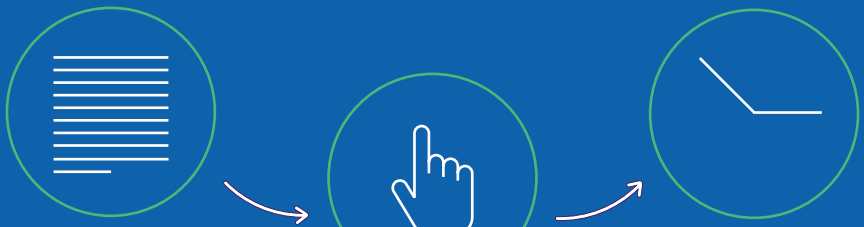
Transferable Skills: Problem solving, understanding the importance of design, managing a process and the importance of safety in the work place.

Enquiries: derwyn.kennedy@southbank-utc.co.uk

How to apply

Online

You can apply online using our website: **www.southbankutc.com**



Fill out your details

Select your courses

Wait for us to contact you with your interview date

Via Email or Phone

You can also join via Email and Phone.

*This is only for those without internet or with accessibility needs.

To join by email or phone contact:

elliot.spiers@southbank-utc.co.uk
020 7738 6115 - Ask for Elliot!

Meetings

All Applicants will receive a personal meeting with staff to discuss their course options.

Get in touch!

Marketing@southbank-utc.co.uk
020 7738 6115

Not happy with our application process?

Tell us how we can improve at elliot.spiers@southbank-utc.co.uk

Follow our Socials

Socials: Instagram, Facebook, Twitter and Youtube

You can follow our socials using @SouthBankUTC

Our Social Media channels are the best way to keep updated with all of the amazing things we do at the UTC!

Website

www.southbankutc.com

Social Media Platforms

@SouthBankUTC

For more info check out

Southbankutc.com