



POST 16 COURSE DIRECTORY 2020/21



The Schools
Co-operative Society



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The Application Process

How to join DSTC Post 16

External Students

Complete an application form (enclosed) as soon as possible indicating the choice of subjects that you wish to study. You should check the subject blocks on the application form to ensure that the combination of subjects fit. Please note that you are not tied down to these subjects and are free to change your subject choice later, as long as there is a space and you meet the entry requirements.

You will be invited to attend a progression interview from January 2020 with a senior member of staff to discuss your planned courses. We will also discuss your predicted grades at GCSE and your career aspirations. After this we will send you a conditional offer, subject to your GCSE results.

Once you have received your GCSE results, you will attend enrolment and confirm your final choices in August 2020.

Internal Students

You do not need to apply as all DSTC Year 11 students will have a progression interview with a senior member of staff where you will discuss your predicted GCSE grades, your career aspirations and your options for Post 16 study.

If you need any help or guidance, please contact our Post 16 Admissions Team on 01322 224309 or via email at post16@dstc.kent.sch.uk

Choosing Your Pathway

Level 2 Pathway

The Level 2 Pathway is designed for students who are not yet ready to study Level 3 courses. It is a one-year stepping stone. On completion of the Level 2 Pathway, students should be able to go on and access the Level 3 Pathway.

Students will embark on a course of two subjects, alongside re-taking their English and/or maths qualification if they have not already achieved a grade 4. Students on the Level 2 Pathway will also benefit from flexible working hours.

Level 3 Pathway

The Level 3 Pathway is a significant step up from GCSE and is suitable for students who have gained 5 passes at GCSE including English and Maths. Level 3 qualifications are a stepping stone to university, employment and apprenticeships. All students on the Level 3 Pathway will study 3 subjects. Level 3 students will be in school full time every day.

Level 2 Pathway

Entry Requirements:

3 GCSEs at grade 3 or above.

Both English and maths must be at grade 2 or above.

All students on the level 2 Pathway will study the following two courses:
Financial Studies and Law & Legal Work

The Level 2 Pathway is a one year course.

Financial Studies

The Certificate in Financial Studies is made up of three mandatory units which need to be successfully completed in order for the student to achieve the award. In the first year of the course, students study the first two units (Finance, the Individual and Society and Practices of Managing Money) which are both assessed through a 35 question multiple choice exam. The second year focuses solely on the final unit (Financial Capability, Work and Enterprise) which is assessed by a pre-released case study requiring written answers to 5 different questions.

Unit 1: Finance, the Individual and Society - Students will understand the role of the citizen in the UK, the values held by citizens and the impact they have on personal finance.

Unit 2: Practices of Managing Money - Students will understand the concept of financial planning and personal financial budgets.

Unit 3: Financial Capability, Work and Enterprise - Designed to provide learners with an understanding of how a business manages money and the relationship between personal money management and business money management. The unit also provides knowledge on the inter-relationship between the individual and business.

Upon completion, students will be in a good position to study the LIBF Level 3 Certificate in Financial Studies (CeFS) or the LIBF Level 3 Diploma in Financial Studies (DipFS).

The course teaches students to become responsible borrowers, sensible savers, and have an appreciation of the need for financial planning throughout their lives. It also allows good progression onto to other Level 3 courses and apprenticeships in the financial services sector.

Department:

Vocational

Exam Board:

London Institute of Banking and Finance

Entry Requirements:

At least 3 GCSEs grade 9-3. English and maths must be grade 2 or above.

Assessment:

Units 1 and 2 are assessed by a single 45 minute test that comprises 35 questions (20 for Unit 1 and 15 for Unit 2).

Unit 3: Assessed by a pre-release case study requiring written responses.

Law and Legal Work

The Law affects every part of our lives and it is really not difficult to find examples of the law in society. Whether you are learning to drive, starting a part time job, buying something from a shop or joining a club. Law is everywhere.

This course provides a good, sound introduction to how the criminal and civil courts and processes work.

- Ever wondered what the difference is between a solicitor and barrister?
- Have you ever wondered what powers the police have in relation to the arrest, detention and questioning of those suspected of committing a criminal offence?
- What rights does a suspect have?
- Ever wondered what happens in the civil and criminal courts or where the law comes from?

As you find out the answers to these questions you will have gained a thorough insight into how the law works through studying the following units:

- Introduction to the English Legal System: the civil and criminal court system, lawyers and lay people (juries and magistrates)
- Introduction to police powers and procedure: stop, search, arrest and detain.
- Introduction to criminal law and Procedure.

The course will particularly appeal to learners who would like to follow a career in law which includes working in the courts, solicitors' offices, the police or criminal justice system. However it is valuable to all learners in providing a good understanding of law and society.

Department:

Vocational

Exam Board:

Pearson Edexcel

Entry Requirements:

At least 3 GCSEs grade 9-3. English and maths must be grade 2 or above.

Assessment:

The course is continually assessed through coursework – all units are internally assessed and to achieve a qualification at Level 2 all 9 assignments must be passed.

Level 3 Pathway

Entry Requirements:

5 GCSEs at grade 4 or above, or BTECs at Merit or above.

Both English and maths must be at grade 4 or above.

All students on the level 3 Pathway will choose three courses.

The courses must be from different blocks.

The Level 3 Pathway is a two year course.

Art and Design: Fine Art

Drawing in fine art forms an essential part of the development process from initial idea to finished work; from rough sketches, to diagrams setting out compositions, to digital drawings used for installations or as part of three-dimensional work.

Students should use a variety of tools, materials and techniques, as appropriate, for recording their surroundings and source materials.

Students should consider the application and implications of new and emerging technologies that can be used in conjunction with traditional and digital fine art materials.

Contexts for fine art can be found in a wide range of sources; for example, from historical works in museums, contemporary art shows and fairs, an exhibition at a local gallery, films, architecture, music, literature and nature. So get out there and not only look but start drawing.

Higher Education and Career Opportunities:

Many students go on to study an Art and Design related degree at university or pursue a career in any of the following: Advertising art director, Animator, Architect, Body piercer, Bookbinder, CAD technician, Ceramics designer-maker, Costume designer, Exhibition designer, Fashion designer, Fine artist, Florist, Footwear designer, Furniture designer, Graphic designer, Illustrator, Interior designer, Jewellery designer-maker, Landscape architect, Make-up artist, Medical illustrator, Pattern grader, Photographer, Photographic stylist, Photographic technician, Product designer, Prop maker, Product designer, Prop maker, Set designer, Sign writer, Tattooist, Textile designer, Upholsterer, Visual merchandiser

Department:
Expressive Arts

Exam Board:
AQA (A Level)

Entry Requirements:

At least 5 GCSE grades 9-4, with Art at grade 5 or above.

Assessment:

Component 1:
Personal investigation
60% of A Level
No time limit
(96 marks)

Component 2:
Externally set assignment

Biology

What is Biology?

Biology is the study of living organisms and how these interact with each other and their environments. Biology is really a multidisciplinary subject that is made of many different and interdependent fields. Biology explores how living systems are constructed, as well as how they develop, communicate, interact, reproduce, defend themselves, and shape the biophysical environment around them. Biologists are constantly looking to understand links between different disciplines of biology and in this sense evolution is a unifying concept in biology.

At DSTC Post 16 we study AQA A-level Biology which is a 2 year course. We suggest studying Applied Psychology or Applied Science alongside Biology. The topics we will study are Biological molecules, Cells, Organisms exchange substances with their environment, Genetic information, variation and relationships between organisms, Energy transfers in and between organisms, Organisms respond to changes, Genetics, populations, evolution and ecosystems and The control of gene expression.

Practical Skills assessments are required as part of the A-level course. These will be endorsed by your teacher as proof of your practical competencies in Biology. You will be required to complete 12 practicals and include evidence of plans and write-ups in a dedicated folder. These practical skills will be tested in your written examinations.

Higher Education and Career Opportunities:

A level Biology can lead to numerous exciting career opportunities such as physiotherapy, optometry, audiology, biomedical sciences, ecology, genetics, dentistry, medicine, environmental sciences, teaching.

Department:

Science

Exam Board:

AQA (A Level)

Entry Requirements:

At least 5 GCSE grades 9-4, with GCSE Biology, Chemistry and Maths at Grade 6 or above (or Combined Science grade 6-6 or above).

Assessment:

2 x 2 hour written exams
(mixture of long and short answer questions)
1 x 2 hour written exam
(practical techniques and critical analysis of experimental data)

Business

This qualification is a great choice for students who are interested in the world of business and entrepreneurship. Using real business cases, you will learn how management, leadership and decision-making can improve performance in finances, marketing, operations and human resources. You will learn how to analyse competitive environments and markets; assess how ethical, environmental and technological factors influence decision making and use a range of quantitative and non-quantitative data to evaluate strategic and functional options.

Subject Content Topics:

- 3.1 What is business?
- 3.2 Managers, leadership and decision making
- 3.3 Decision making to improve marketing performance
- 3.4 Decision making to improve operational performance
- 3.5 Decision making to improve financial performance
- 3.6 Decision making to improve human resource performance
- 3.7 Analysing the strategic position of a business (A-level only)
- 3.8 Choosing strategic direction (A-level only)
- 3.9 Strategic methods: how to pursue strategies (A-level only)
- 3.10 Managing strategic change (A-level only)

Higher Education and Career Opportunities:

Upon completion of this course, you can progress to university to study a business related degree. It gives you UCAS points and is recognised by higher education providers as contributing to meeting admissions requirements for many courses.

Alternatively, you can enter into employment or an apprenticeship. Areas of employment include junior business roles in Administration, Finance, HR, and Marketing.

Department:
Business Studies

Exam Board:
AQA (A Level)

Entry Requirements:
At least 5 GCSE grades 9-4, including English and maths.

Assessment:
Three 2-hour written exams each worth 33.3% at the end of Year 13.

Criminology

The course is made up of 4 mandatory units, Units 1 and 2 are completed in Year 12 and Units 3 and 4 in Year 13.

Unit 1: Changing Awareness of Crime: This part of the course will allow you to understand a wide range of different crimes that are committed and the reasons why people may not always report such crimes by exploring the social construction of criminality.

Unit 2: Criminological Theories: You will begin by looking at how we define crime by exploring the relationship between criminal behaviour and deviance. You will also explore psychological and sociological explanations for criminal behaviour and what leads people to commit different types of crimes.

Unit 3: Crime Scene to Courtroom: You will look at the different methods of investigating crime, including crime scene investigation and forensic science in order to justify their effectiveness in criminal investigations.

Unit 4: Crime and Punishment: In this unit you will look at the different types of punishment for criminal behaviour, why we use these different methods and how effective these are.

Higher Education and Career Opportunities:

After successfully completing this programme you could go on to study higher education courses such as BSc Criminology and Psychology, BA Criminology, BSc Sociology and LLB Law.

Possible careers include roles as a Detective, Police Officer, Prison Officer, Young Offenders Officer, Probation Officer, Security Officer, or Victim Support worker, among others.

Department:

Humanities

Exam Board:

Eduqas (Applied)

Entry Requirements:

At least 5 GCSE grades 9-4, including English and maths.

Assessment:

Units 1 and 3 are assessed through internally set assignments.

Units 2 and 4 are assessed through unseen written exams papers.

English Literature

This is a course that allows you to study a wide range of texts which will encourage you to explore the relationships that exist between texts and the contexts within which they are written. The exam set texts you will study are:

- Othello by William Shakespeare
- An anthology of Pre-1900 poetry
- Great Gatsby by F. Scott Fitzgerald
- The Feminine Gospels Poetry Anthology by Carol Ann Duffy
- The Color Purple by Alice Walker
- Cat on a Hot Tin Roof by Tennessee Williams
- Unseen poetry and unseen extracts from prose

You will need a passion for English Literature and enjoy reading in your spare time. You should keep abreast of new interesting fiction by looking at nominees for 'The Man Booker' prize or the Costa Book Awards etc. You could also prepare by researching the changing attitudes toward love and relationships throughout history.

Higher Education and Career Opportunities:

A Level English Literature can be a good pathway to many other higher education courses and careers. Indeed, many of our students have gone on to study a degree in English Literature. Subsequently, this has facilitated their employment in careers such as journalism and teaching; moreover if you choose to go straight into employment after Post 16 this course will help you develop the skills and knowledge that many employers are looking for, particularly in relation to demonstrating high levels of competency with communication.

Department:

English

Exam Board:

AQA (A Level)

Entry Requirements:

At least 5 GCSE grades 9-4, including Maths, English Language and English Literature at grade 5.

Assessment:

Two exams, one of which (Shakespeare) will be a closed book exam with an extract to support your analysis. You will submit one coursework unit.

The exams are worth 80% of the overall qualification. The NEA (Non-Exam Assessment) is worth 20%.

Health and Social Care

This course aims to provide an introduction to the health and social care sector. It is designed to equip students with the skills and knowledge needed to care for others in a broad range of health or social care settings. Students will have to complete four units, three of which are mandatory:

Unit 1: Human Lifespan and Development—you develop your knowledge and understanding of patterns of human growth and development. You will explore the key aspects of growth and development, and the experience of health and wellbeing.

Unit 2: Working in Health and Social Care - This unit will explore the different jobs and careers that are available within Health and social care; it will also focus on the needs of the individual and the role of the professionals.

Unit 5: Meeting Individual Care and Support Needs—you will learn about the values and principles of meeting care and support needs and look at some of the ethical issues that arise when personalising care.

Unit 12: Supporting Individuals with Additional Needs—This unit aims to give you specialist knowledge that can be crucial to ensuring that those with additional needs meet their full potential.

Higher Education and Career Opportunities:

This qualification is designed to support progression to Higher Education when taken as part of a programme of study that includes other appropriate Applied qualifications or A Levels.

There are also opportunities to qualify for social work, midwifery, paramedics and teaching.

Department:

Vocational

Exam Board:

Pearson Edexcel (Applied)

Entry Requirements:

At least 5 GCSE grades 9-4, including English and maths.

Assessment:

Unit 1 is a 1.5 hours written exam. All other units are assessed through coursework assignments.

Unit 2 is assessed externally, whilst Units 5 and 12 are assessed internally.

Information Technology

This qualification is designed for students who are interested in creating IT systems to manage and share information. It will give them the opportunity to develop their knowledge and skills in IT systems, systems management and social media in business.

Unit 1 – Information Technology Systems: Study the role of computer systems and the implications of their use in personal and professional situations.

Unit 2 - Creating Systems to Manage Information: Study the design, creation, testing and evaluation of a relational database system to manage information.

Unit 3 – Using Social Media in Business: Explore how businesses use social media to promote their products and services. Implement social media activities in a business to meet requirements.

Unit 6– Website Development: Investigate website development principles. Design and develop a website using scripting languages.

Higher Education and Career Opportunities:

The qualification is aimed at progression to Higher Education but also enables learners to develop knowledge and skills needed for entry-level roles related to IT, including vocational apprenticeship roles and trainee/entry-level roles such as a Social Media Specialist, Web/Content Developer, or Business Analyst.

Department:

Computing and Technology

Exam Board:

OCR (Applied)

Entry Requirements:

At least 5 GCSE grades 9-4, including English and maths.

Assessment:

Unit 1 is a 2 hour written exam. All other units are assessed through coursework assignments.

Unit 2 is assessed externally, whilst Units 3 and 6 are assessed internally.

Maths

The A Level Maths course is a two year course comprising of three main modules; Pure Mathematics 1, Pure Mathematics 2 and Statistics & Mechanics.

Content Overview:

Pure Mathematics:

Topic 1 – Proof

Topic 2 – Algebra and functions interpretation

Topic 3 – Coordinate geometry

Topic 4 – Sequences and series

Topic 5 – Trigonometry

Topic 6 – Exponentials & logarithms mechanics

Topic 7 – Differentiation

Topic 8 – Integration

Topic 9 – Numerical methods

Topic 10 – Vectors

Statistics & Mechanics:

Topic 1 – Statistical sampling

Topic 2 – Data presentation &

Topic 3 - Probability

Topic 4 – Statistical distributions

Topic 5 – Hypothesis Testing

Topic 6 – Quantities & units in

Topic 7 - Kinematics

Topic 8 – Forces & Newton's laws

Topic 9 - Moments

Higher Education and Career Opportunities:

Students who study Maths gain a large number of transferable skills which they can apply to future studies and careers. Skills students will develop include:

- Problem solving in a variety of contexts.
- Estimation and accuracy
- Presenting and analysing data in a variety of formats
- Efficient and effective use of a calculator to support mental arithmetic
- Investigational strategies

Department:

Mathematics

Exam Board:

Edexcel (A Level)

Entry Requirements:

At least 5 GCSE Grade
9-4 with maths at Grade 7 or
above.

Assessment:

100% examination

Paper 1 – Pure – 33.3%

Paper 2 – Pure – 33.3%

Paper 3 – Statistics &
Mechanics – 33.3%

2 hours per paper

100 marks per paper

Calculators are permitted in all
three papers.

Media

You will be studying a range of texts for contexts, media language, genre, audience, representation and industry from different era, genres and countries.

Students will study: the 1950s Tide advert, a moving image water aid advert, the 1970's Hammer House of horror Kiss of the Vampire film poster, industry and marketing for I, Daniel Blake, industry and marketing for Straight Outta Compton, Industry and marketing for the video Assassins Creed Liberation, a front page from The Times, a front page for the Mirror, LNWH radio show, music videos for Formation (Beyonce) and Riptide (Vance Joy), Season 1 episode 1 of Humans, Season 1 episode 1 for The Returned (a French text), an issue of Vogue and The Big Issue and lastly, Zoella's blog and Attitude's blog.

Students should consume a range of media texts from adverts, magazines, film marketing, TV, video games, newspapers, music videos, blogs and the radio. They should also visit the library and read articles from the media magazine. They could also review classwork and make knowledge organisers and cue cards for key concepts and theories.

Higher Education and Career Opportunities:

This qualification can lead you to any work within the media, such as, Media Planner, Multimedia Specialist, Programmes Researcher, Public Relations Officer, a Runner, Social Media Manager, Television/Film or Video Producer, Web Content Manager, marketing, advertising, journalism, Editorial Assistant, Event Manager, Information Officer, Market Researcher and Writer.

Department:

Media

Exam Board:

Eduqas (A Level)

Entry Requirements:

At least 5 GCSE grades 9-4, including English and maths.

Assessment:

Two exams at the end of Year 13. Component one is 2.25 hours and worth 35%.

Component two is also worth 35% and is 2.5 hours long.

There is also a coursework assignment worth 30% of the course.

Psychology

This qualification offers an engaging and effective introduction to Psychology. Students will learn the fundamentals of the subject and develop skills valued by Higher Education (HE) and employers, including critical analysis, independent thinking and research.

Students will study many familiar and popular topics which include:

Approaches and methods related to the core areas of Psychology – cognitive, social, biological, developmental, individual differences and research methods
Explanations from different approaches, along with psychological issues and debates.

In year 1 students will cover the mandatory content which will allow students to develop and demonstrate knowledge and understanding of psychological concepts, theories, research studies, research methods and ethical issues. These topics include social influence, memory, attachment, psychopathology, approaches in psychology and research methods.

In year 2 students will be able to have a wider option of topics to cover and these can include issues and debates in psychology, relationships, gender, stress, aggression and forensic psychology.

Higher Education and Career Opportunities:

The qualification carries UCAS points and is recognised by Higher Education providers. When combined with other qualifications within a two year study programme, such as AS/A Levels or a BTEC National Foundation Diploma or Diploma in a complementary sector, you can progress to higher education to qualifications such as:

- BSc (Hons) in Occupational Health
- BSc in Education and Child Psychology
- BA in Education
- BSc in Nursing

Department:

Humanities

Exam Board:

AQA (A Level)

Entry Requirements:

At least 5 GCSE grades 9-4 including English and maths

Assessment:

100% examination

Three external exams at the end of Year 13

Each paper is worth 33.3% of the A Level and has 100 marks in total.

Applied Science

Applied Science is a qualification that reflects aspects of employment within science organisations or organisations that use science and enable learners to develop practical scientific skills.

This qualification will appeal to learners who prefer portfolio-based assessment covering a variety of scientific investigations, although there are aspects of External Assessment.

There are mandatory units that all students must study. These are:

- Principles & Applications of Science (External Exam)
- Practical Scientific Procedures & Techniques (Internal Assessment)
- Science investigation skills (External Exam)

Students will also cover 1 optional unit, during the course. Optional units within the qualification cover areas of laboratory science, forensic science, medical science and biological, chemical and physical science to provide a route to employment in the science industry or within organisations that use science.

What doors does this open up for me?

This course provides much of the underpinning knowledge and understanding for the National Occupational Standards for the sector, where these are appropriate. They attract UCAS points that equate to similar-sized general qualifications within education institutions within the UK. Applied Science can lead to further studies towards many related university courses and offer valuable skills required for employment in and around the science sector.

Department:

Science

Exam Board:

Pearson Edexcel (Applied)

Entry Requirements:

At least 5 GCSE grades 9-4, with science at grade 5 or above.

Assessment:

Unit 1 – external exam - 3 papers of 40 minutes each

Unit 3 – external exam – 3 hours practical exam followed by a 1 hour 30 minute written paper.

Sport

This qualification aims to develop your knowledge, understanding and skills of the principles of sport and physical activity. You will gain an insight into the sector as you investigate opportunities for delivering sport and physical activity to a wide range of participants. Students will complete the following units:

Unit 1: Body Systems— gain an understanding of the structures and functions of the key body systems, how these support and impact performance in sport.

Unit 2: Sports Coaching and Leadership - explore the roles and responsibilities of coaches and leaders and how these differ from each other. Be involved in delivering and teaching sport and physical activity.

Unit 3: Sports Organisation—gain an understanding of the organisations involved in sport in the UK, their roles and responsibilities and how they work together.

Unit 18: Practical Skills in Sport—learn how to apply skills, tactics, techniques and knowledge in individual sports, team sports and outdoor activities which will allow you to participate effectively, safely and enjoyably.

Unit 19: Psychology in Sport—learn different motivations that people have for participating in sport.

Higher Education and Career Opportunities:

This qualification is recognised for UCAS tariff points and provides a strong base for progression to university. It also enables students to seek apprenticeships or employment in either a more 'office-based' role such as a Sport Development Officer or Community Sport Officer or it can be in a more 'field-based' role such as a Senior Sports Coach or Senior Activity Leader.

Department:

Physical Education

Exam Board:

OCR (Applied)

Entry Requirements:

At least 5 GCSE grades 9-4, including English and maths.

Assessment:

Unit 1 has a 1.5 hours written exam. Unit 3 has a 1 hour written exam.

Units 2, 18 and 19 are internally assessed through coursework and a practical activity.

Additional Qualifications

GCSE English and Maths Resits

Students who have not achieved a grade 4 in English and/or Maths will be required to attend English and Maths resit lessons and re-sit the GCSE qualifications in the November and June sittings. We only offer GCSE re-sit, not a stepping stone qualification such as functional skills.

Extended Project Qualification (EPQ)

The Extended Project Qualification (EPQ) is offered to all Year 13 students as an extra qualification and helps to provide students with the opportunity to work independently and creatively, whilst developing skills that universities and employers look for.

The EPQ aims to inspire, enthuse and motivate students by giving them the freedom to undertake a project on any subject they are studying or in an area of personal interest. Students spend their time focused on a skills-based piece of work that can be a design, a performance, a report within findings from an investigation, a made artefact (such as a book or working model) or a dissertation.