DOVER COLLEGE
SIXTH FORM PROGRAMME

HEADMASTER'S WELCOME

Now is the time to think about the next step in your education, a step that will set you on the path to success in adult life. Sixth Form at Dover College is an all-encompassing experience during which we prepare you for that transition into the adult world. Whether you are a student already at Dover College, or you are joining us for Sixth Form, the exciting opportunities here will give you the academic and personal skills that will help you make the most of every opportunity in your life to come.

Dover College Sixth Formers enjoy being part of a warm, welcoming community, gaining more independence and confidence as a result of the support from our excellent teaching team and their fellow students. There are endless opportunities to improve your independence, take on responsibilities, and develop leadership skills. These include a range of enrichment activities such as Young Enterprise, The Duke of Edinburgh's Award and earning a position as one of our prefects. Our enrichment programme and superb Careers guidance will also help you greatly with your future CV and applications for top universities and employment, setting you apart from the crowd.

The secret of success in the Sixth Form is to embrace as many opportunities as possible. We do not just want to teach you subjects; we want to help you develop a growth mindset, build up your knowledge and empower your understanding. We will help you to become a confident, self-managing, self-aware and reflective learner. These are the traits that will prepare you for further studies, for your future career and life in general.

OUR SIXTH FORM PROGRAMME:
ENRICHMENT

At Dover College, to complement your studies, we offer you an enrichment programme aimed at developing you into a well rounded individual who has the skills to succeed in a dynamic and changing world. The enrichment opportunities in Sixth Form are broad and very rewarding. Engaging in these activities will give you the edge you need to succeed whilst also helping you build your skills, which are so valuable to achieving your best and to your future employer.

The Round Square volunteering programme enables you to gain experience of work while making a real difference to others. The range of volunteering options is wide, and you can bring your own ideas in as well. Students are currently volunteering with the Sports programme, in the Prep School, as librarians, maths tutors and peer mentors as well as out in the wider community in charity shops and organisations. Commitment to volunteering is highly valued by universities and employers but also crucial to your own self-esteem and wellbeing.

There are positions of responsibility that ensure the Sixth Formers are visible role models to the rest of the school. Students can apply to be prefects via a competitive application system – roles include responsibility for Round Square, Sports, Events, Academics, Head of House and Head Student. In addition to the role of prefect, students can train to become peer mentors, to support a younger student who may be experiencing difficulty with their studies or peers or simply struggling to settle down into school life. Further opportunities for leadership include the chance to create your own society focusing on a particular interest of yours. The most recent examples include the History Society and the Manga club.

All Sixth Formers have the opportunity to undertake an Extended Project Qualification. The EPQ is equivalent to half an A level and is ideal preparation for undergraduate research and the world of employment. It gives students the opportunity to explore a topic they are interested in through academic research and an extended essay. It is highly valued by both universities and employers.

The Stretch and Challenge Programme incorporates areas such as The Duke of Edinburgh's Award, service in school and in the community, Music, Drama and qualifications with LAMDA (The London Academy of Music and Dramatic Art). A series of lectures delivered by external academics and professionals are also available to all students.

Pupils also participate in Laborem once a week. During the Michaelmas term, Laborem sessions develop study skills using the VESPA model, with the aim of developing a growth mindset. During the Lent term, guest speakers deliver valuable advice to students on careers and an insight to various industries. In the Summer term, students will use this time to focus on careers and higher education with our Head of Careers.

CAREERS PROGRAMME

It is important to everybody at Dover College that all students are fully supported and guided through the process of planning their futures. With a full time, highly experienced and qualified careers professional, a whole school commitment and a programme of education, information, advice and guidance for all students, we believe Dover College students are well prepared for their futures.

All staff at Dover College play an active role in preparing them. We have a full programme of careers education which will help students to develop the knowledge and skills to understand themselves, research the opportunities available, make decisions and move successfully on to the next stage. The programme is delivered through PSHE, special events, enrichment programmes, visits, trips and assemblies and also within individual departments and form time. Careers Focus Week runs annually and ensures that careers is fully embedded into the curriculum.

All students will:

- Develop a deeper understanding of themselves and their abilities
- Gain a greater knowledge of the range of opportunities open to them
- Take part in work related activities in and out of school
- Understand unbiased information on current labour market information and trends and expectations of employers
- Learn to make decisions wisely about their future
- Be fully prepared to manage change and be fully supported through key transition periods
- Learn how to improve their own employability: how to find work, how to get work and how to progress their careers
- We are proud of our links with employers who work closely with students through visits, talks, interview preparation, and work related learning events.

CAREERS ADVICE & GUIDANCE

Our success rate for all our students is very high. This could be a degree apprenticeship, a valuable gap year, voluntary opportunity, a vocational course, or a university course including highly competitive courses or universities. Our students have gone onto success year after year.

The Careers Programme is designed to ensure students are prepared for a rapidly changing world. Pupils will learn the career skills that will benefit them for life. There are specialist pathways that prepare students for their future: Pathway to University, Pathway to Apprenticeship and Pathway to Gap Year enable students to feel confident in their choices and their chances of success.

For those opting for the most competitive applications, the Top Flight programme offers specialist support to increase students' chances of success. Those choosing Oxbridge, Ivy League, Medicine, Dentistry or Vet Med will be able to attend weekly sessions that take them, step by step, to their best chance of success.

Increasing numbers of students are heading straight into the workplace via a formal apprenticeship programme; students are learning while working and earning. These are highly competitive staged applications that need specialist guidance.

Students on gap years have travelled the world, have given up hundreds of hours to volunteer, have completed internships, and individual and group sessions can help them plan for success. Students have many reasons for choosing a gap year, but without exception, they experience a great deal of personal growth.

Whichever pathway you choose, you will be given professional career guidance and clear information about application processes and deadlines. During your two years of Sixth Form, you will benefit from:

- A series of careers lessons which develop skills for lifetime success
- A series of tutorials covering all aspects of future planning
- Unlimited 1:1 careers guidance appointments
- Application and interview preparation
- Lower Sixth and Upper Sixth parent consultation evenings
- Future evening and student finance evening
- Support on results days
- Sixth Form and whole school careers events
- A series of weekly Careers talks

ROUND SQUARE

An internationally diverse network of 200 like-minded schools in 50 countries across six continents, Round Square schools connect and collaborate to offer world-class programmes, experiences and exchanges that aim to develop global competence, character and confidence in its students. Built around six themes identified by German educational philosopher, Kurt Hahn, the IDEALS – International understanding, Democracy, Environmental stewardship, Adventure, Leadership and Service enable member schools to share a commitment to character education and experiential learning.

Founded in 1956, the Round Square organisation enables students to make positive and meaningful contributions and connections to the local, national and global society, which will enrich them for the rest of their lives. With a diverse range of experiences and opportunities extending far beyond the classroom, students are challenged and stimulated physically, emotionally and intellectually.

Exchange opportunities enable students and staff to experience other languages and cultures for extended periods of up to three months.

Service projects give students the opportunity to work as volunteers on community projects abroad with clear objectives such as installing clean water systems and building school buildings. In addition, there are regular opportunities for students to attend conferences including the International Conference, which takes place on a different continent each Autumn.

More details about the Round Square organisation can be found at www.roundsquare.org

The IDEALS of Round Square are at the core of the values our students embrace:

INTERNATIONALISM
Our students discover and embrace similarities and differences between countries and cultures, promoting lasting understanding and respect.

DEMOCRACY
Our students develop a moral compass for equality, fairness, justice, self-discipline, responsibility and a desire to do what is right for the greater good.

ENVIRONMENTALISM
Our students broaden their horizons to understand mankind's place in the universe, the forces that shape our surroundings and the impact we have.

ADVENTURE
Our students push themselves beyond perceived limits, cross boundaries and discover that they are capable of more than they thought possible.

LEADERSHIP
Our students recognise that leaders are driven by a desire to be of service to others and to nurture, guide, develop and help them to succeed.

SERVICE Our students are ready and willing to volunteer where we are needed, applying and developing our skills and understanding in support of individuals and communities both close to home and further afield.

THE CURRICULUM

Pupils at the College typically study three subjects in the Sixth Form as well as an Extended Project Qualification (EPQ) which is the equivalent of a half an A level.

With the EPQ qualification, you will undertake a project in which you can choose your own topic and your own method. You will also have study periods during which you will need to complete independent work and you will be able to choose which games you attend two afternoons a week.

You will have much more freedom and independence than before and to help you with transitioning into making the right choices, you will follow a programme designed to help you adopt a "Sixth Form Mindset". This will help you set yourself goals and develop a positive and resilient mindset as well as discover the method of study, revision techniques, routines and general working practice that work best for you.

In January, Fifth Form students will be asked to register the subjects they are interested in studying. Following this, subject blocks will be established to reflect students' choices and enable us to construct the timetable. We will do our best to accommodate the combination of choices for as many students as possible.

You will find a list of subjects in the following pages. German, Chinese and Russian A- levels for native speakers will also be offered outside the timetable, on a private tuition basis.

A LEVEL ART

Why study this subject at A Level?
A Level Art is designed to encourage you to develop skills, creativity, imagination and independence based on personal experience, taught skills and critical understanding. Students show this through their responses to a range of stimuli and through research and individual study. You will develop your visual, analytical and cognitive skills as a young artist. You will explore a personal open-ended brief through the disciplines of painting and drawing. You will also be introduced to methods of digital manipulation and visual IT packages.

Method of assessment:
Work is internally assessed and externally moderated. The four assessment objectives include a student's development, exploration, recording and presenting.

Entry requirement:
GCSE in Art & Design with Grade 4 or above, or equivalent qualification.

What to expect?
AS Level students produce a portfolio of coursework covering several topics to demonstrate exploration, research and acquisition of techniques and skills. A Level students produce two elements. Firstly, a portfolio of work showing personal response to a starting point or stimulus. Secondly, a related study including an extended response of 1000 words. The externally set task consists of selecting a starting point from an early release exam paper.

Opportunities beyond the classroom:
You will have access to the department's studio space and will be encouraged to visit galleries and exhibitions. So far, the trips have included the National Gallery, Tate Galleries, The Turner Contemporary and Victoria and Albert, as well as other independent galleries and exhibitions.

Progression and career opportunities:
Careers opportunities include: Fine artists, specialising in media such as painting, drawing or sculpture, illustrator, graphic designer, photographer, interior designer, furniture designer, teacher or lecturer, curator.

A LEVEL BIOLOGY

Why study this subject at A Level?
Biology is the study of life! From dinosaurs to DNA, organ systems to ecosystems, biology helps to understand the world around us and within us. Studying biology allows you to look at some of the greatest challenges facing humankind, such as disease, food shortages and environmental protection. There is something for everyone, whether you prefer animals or plants, micro or macro biology.

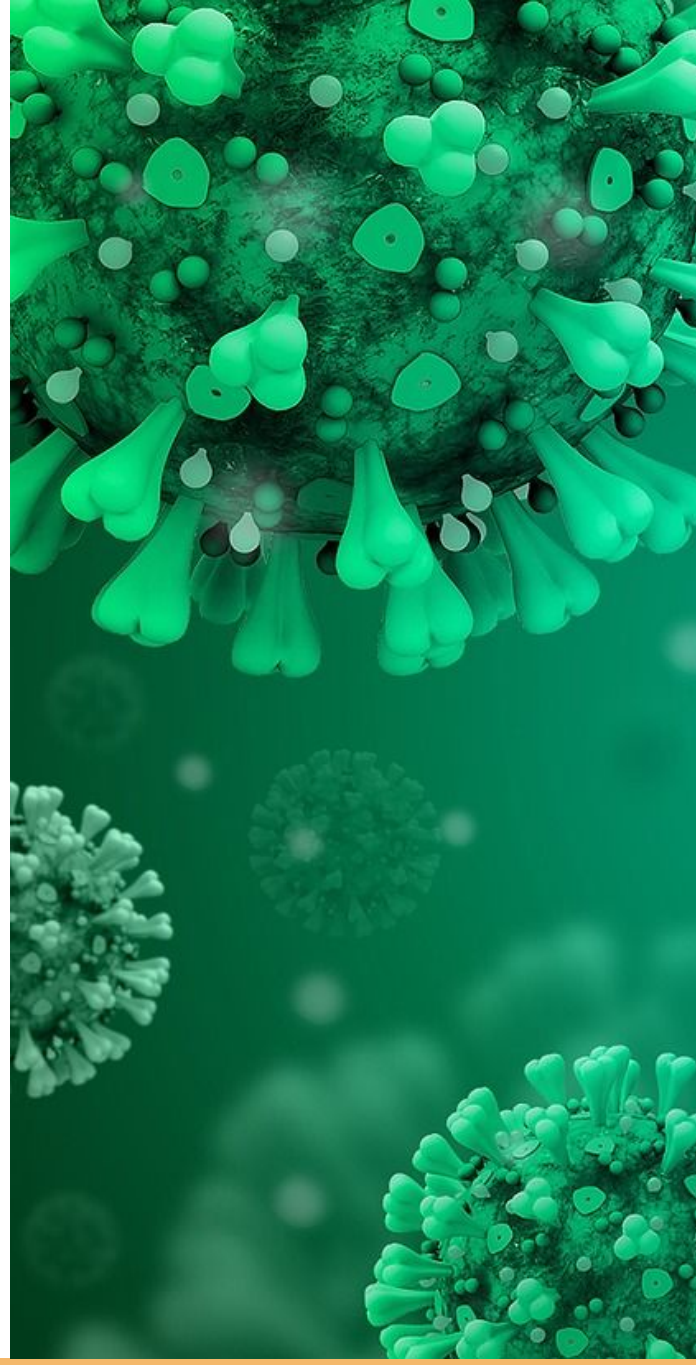
Method of assessment:
100% assessment by exam. Students will sit three papers at the end of Year 13:
Paper 1 - Biological Processes 37%
Paper 2 - Biological diversity 37%
Paper 3 - Unified biology 26%

In addition, they will complete a practical endorsement in Biology. This is not examined and is reported separately to 'A' Level grade.

Entry requirement:
Grade 6 or above in Combined Sciences or Separate Sciences. Grade 6 in Maths GCSE is also desirable.

What to expect?
Module 1 - Development of practical skills in Biology
Module 2 – Foundations in Biology
Module 3 – Exchange and transport
Module 4 – Biodiversity, evolution and disease Module 5 – Communication, homeostasis and energy Module 6- Genetics, evolution and ecosystems

Progression and career opportunities:
Biology degrees are extensive, so as you might expect, careers for biology graduates are equally as wide-ranging. Careers you could pursue with a biology degree include becoming a research scientist, a pharmacologist, an ecologist, a doctor, a dentist, a vet, a nature conservation officer, a biotechnologist, a forensic scientist and a science writer.



A LEVEL CHEMISTRY

Why study this subject at A Level?

- Everything you hear, see, smell, taste and touch is related to chemistry!
- Do you want to understand ingredient labels?
- Work out if a product will have the advertised effect?
- Understand how cooking works?
- Learn about the technological advances taking place around the world?
- Studying chemistry is not only fun, but allows you to gain a better understanding of the world around you.

Method of assessment:
100% assessment by exam. Students will sit three papers at the end of Year 13.
Paper 1 - Periodic table, elements and physical chemistry 37%
Paper 2 - Synthesis and analytical techniques 37%
Paper 3 - Unified Chemistry 26%

A Practical Certificate is awarded to students who complete the practical element of the course successfully.

Entry requirement:
Grade 6 or above in Combined Sciences or Separate Sciences. Grade 6 in Maths GCSE is also desirable.

What to expect?

- Practical Chemistry
- Foundations of Chemistry
- Periodic table and energy
- Core Organic Chemistry
- Physical Chemistry and Transitional Elements
- Further Organic Chemistry and Analysis

Progression and career opportunities:
Students can go on to study a variety of degrees including pharmacology, biochemistry, chemistry, chemical engineering, medicine, and nursing. Chemistry paves the way for a multitude of rewarding careers in the health and biotechnology sector and chemical engineering. It can help produce professional researchers of the next generation.

A LEVEL COMPUTER SCIENCE

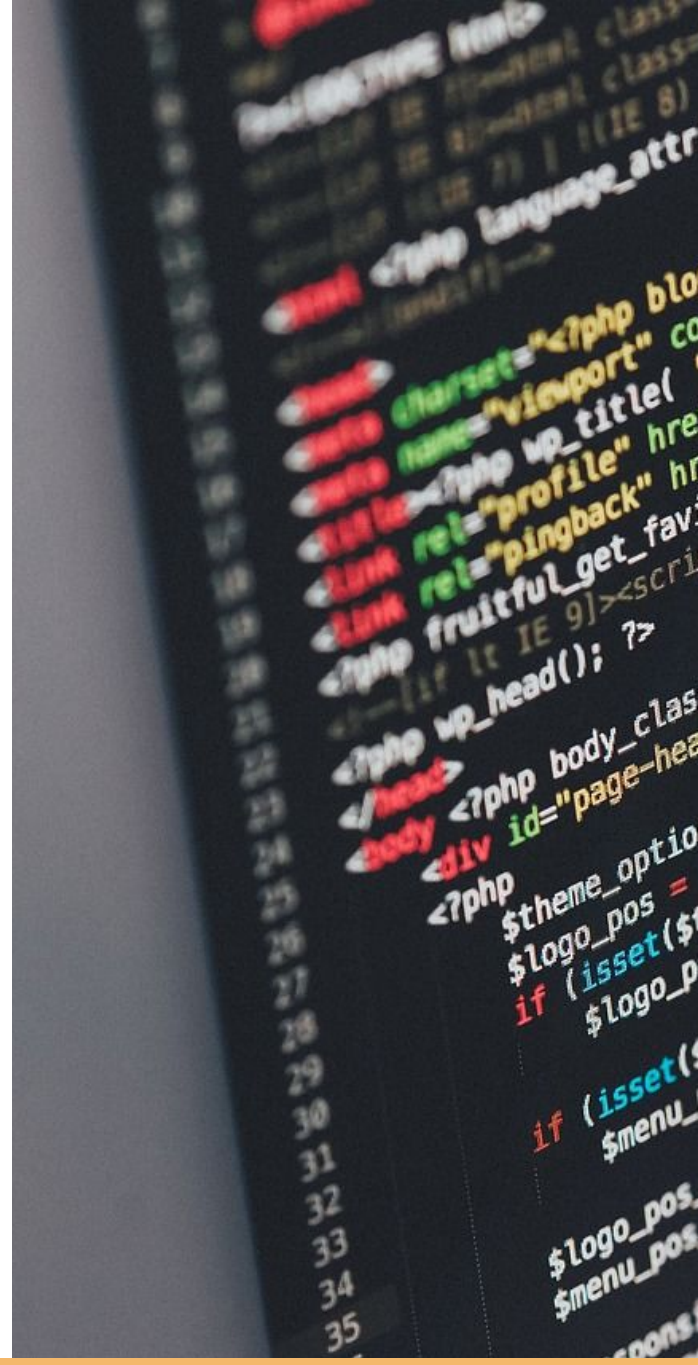
Why study this subject at A Level?
Computers and computing are transforming the way we work, rest and play. By studying Computer Science, students will become proficient programmers in Python. Computer Science encompasses learning about encryption, cyber security, network components, hardware and software development. Additionally, for the mathematically minded, the course covers logic gates, Boolean algebra and finite state machines. Some aspects of the course overlaps GCSE Computer Science, which is a benefit to any student who has already studied at GCSE. You have the opportunity to create a project on a topic of particular interest, for example, a graphical game, a quiz or an application that maintains sport scores.

Method of assessment:
Paper 1 - Computer Systems - Written exam: 2 hours 30 minutes 40%
Paper 2 - Algorithms and Programming - Written exam: 2 hours 30 minutes 40%
Project - Programming project 20%

Entry requirement:
Grade 6 or above in Computer Science, or equivalent qualification. Grade 6 in Maths GCSE is also desirable.

What to expect?
- Programming in Python, Assembly language and Object-Oriented Programming
- How data is represented on a computer including numbers, sound and images
- Hardware components includes the CPU, storage devices and input/output
- Data structures, for example stacks, trees and hash tables
- Binary arithmetic, logic gates, Boolean algebra, adders and flip-flops!
- Problem solving with advanced computational thinking
- Networking technologies, for example wireless, data transmission and the client-server models

Progression and career opportunities:
Just about any career path can be enhanced with good computer skills but specific careers include: software analyst, software developer, cyber security analyst, computer analyst, game developer, machine learning engineer and web developer.



A LEVEL DESIGN & TECHNOLOGY

Why study this subject at A Level?

- Access to Engineering courses at university
- Lucrative career in engineering
- Wide spectrum of other problem-solving or practical jobs
- You will gain an understanding of traditional and modern materials, industrial and workshop production methods and develop environmental awareness, crucial for modern design and engineering.

Topics to study at A Level:

- Design analysis
- Design drawing
- CAD drawing
- Engineering drawing and many more

Method of assessment:
Practical design 50%
Written assessment 50%

Entry requirement:
Grade 6 or above in Maths, DT and English.
Opportunities beyond the classroom:
You will go on a range of exciting trips designed to support the course.

Progression and career opportunities:
A level Design Technology students can go on to study a range of Design foundation and degree courses, and train in their area of specialisation, before going on to become an engineer, architect, web designer or fashion designer. Designers create every element of the world we know, and contribute to a thriving and important industry which has a vast range of exciting career options and choices.

A LEVEL DRAMA & THEATRE

Why study this subject at A Level?
The aim of the Drama and Theatre course is to develop your interest and enjoyment in drama and theatre, both as active participants and as informed members of an audience, fostering an enthusiasm for, and critical appreciation of, the subject. The social, cultural and historical influences on the development of drama and theatre are also explored in each component, along with the study of key theatre practitioners.

Entry requirement:
GCSE Drama and English (Level 4 and above) desirable.

Course Structure:

- Component 1 – 'Theatre Workshop' Students select a text set by the examination board to 're-interpret'; this means students take 30-70% of the original text and produce a new piece of Drama in a style and genre not originally intended. The 're-interpretation' piece must also be based on the ideas of a chosen practitioner or theatre company. Students perform their final piece in front of an audience.
- Component 2 - 'Text in Action' Students create and perform two pieces of theatre in front of a visiting examiner. The first piece is a devised piece based on a stimuli set by the examination board and in relation to a practitioner or theatre company. The second piece is a performance from a play which links to the stimuli, but is from a different genre or performance style (to the devised piece).
- Component 3 – 'Text in Performance' Sections A and B: Students explore two complete play texts from the perspectives of actor, director and designer, to respond to questions based on performance, rehearsal and realising a text in performance through visual and aural elements. Play text one is Ibsen's 'Hedda Gabler' and play text two, Dario Fo's 'Accidental Death of an Anarchist'.

What to expect?
If you are excited about the world of theatre and are dedicated to acting, then you will enjoy this course. There is a strong emphasis on practical acting methods and opportunities to develop skills in creativity and performance. You will explore existing practitioners as well as developing your own technique through group pieces and live performance. You will also need to have confidence in yourself as an actor and you will be given the opportunity to participate in a range of practical acting workshops to develop skills and acting techniques.

Progression and career opportunities:
The skills you gain from learning drama can lead to careers in the performing arts, media, business, law, advertising, sales, hospitality and tourism.

A LEVEL ECONOMICS

Why study this subject at A Level?
Economics is the study of the ways in which people, businesses and industries use resources and how governments behave. More broadly, A Level Economics helps prepare you for careers that require numerical, analytical and problem-solving skills, for example in business planning, marketing, research and management. Economics helps you to think strategically and make decisions to optimise the outcome.

Topics to study at A Level:
Year 1
- Theme 1: Markets, consumers and firms
- Theme 2: The wider economic environment

Year 2
- Theme 3: The global economy
- Theme 4: Making markets work

Method of assessment:
Paper 1 35% 2 hours
Paper 2 35% 2 hours
Paper 3 30% 2 hours

Entry requirement:
Grade 6 or above in GCSE Maths and English. GCSE Economics is desirable but not essential.

Opportunities beyond the classroom:
Each year students are encouraged to enter a team for the IFS student Investor competition, having £100,000 of virtual money to invest in the stock market!

Progression and career opportunities:
Future careers include economist, accountant and data analyst. Students can go on to study an Economics degree or a Business Management degree. Economics is a broad subject that can mix with a combination of any other vocational or academic courses.

A LEVEL ENGLISH LITERATURE

Why study this subject at A Level?
English Literature will encourage you to be inspired motivated and challenged by reading widely across a range of texts and to develop your independent study skills. A Level learners cultivate their own critical responses and engage with the richness of literature.

What topics will I study?
- Shakespeare
- Drama and Poetry pre-1900
- Close reading, comparative and contextual study of the Gothic topic

Method of assessment:
Examined assessment 2 hours 30 min 40%
Examined assessment 2 hours 30 min 40%
Non-examined assessment 20%

Entry requirement:
Grade 6 or above in English Language & Literature.

Opportunities beyond the classroom:
You will join a range of exciting trips designed to support the course, including visits to local, regional and London-based productions. You will also play a part in a host of College dramas and plays.

Progression and career opportunities:
The analysis of language and critical evaluation of text permeates almost every aspect of education in some shape, way or form. If you choose to study English literature at A Level, you'll develop comprehensive written and spoken communication skills, become adept at arguing a point as well as understand how to analyse various levels of meaning.

A LEVEL GEOGRAPHY

Why study this subject at A Level?
Geography involves the study of important global issues that matter now. It is a facilitating subject which is compatible with all other A Levels and can help to provide a bridge between arts and science subjects. It has a broad skills base and an independent research component which helps you prepare for university.

What topics will I study?

- Natural Hazards
- Coastal landscapes
- Water and the Carbon cycle
- Global systems and Governance
- Population and the environment
- Changing places

Method of assessment:
Two written papers 80%
Independent Investigation (3000/4000 words) 20%

Entry requirement:
It is very useful to have studied Geography at GCSE or IGCSE. It is important to have a Grade 4 or better at both Maths and English GCSE. There is more essay writing in the A-level exam than the GCSE/IGCSE.

Opportunities beyond the classroom:
You will undertake a residential field trip as part of your non-examined assessment for 5 days.

Progression and career opportunities:
Geography is a broad-based subject which provides lots of opportunities for future progression. For example, geography is an obvious choice for careers in sustainability and green issues, urban regeneration, energy supply, retail location, managing the effects of hazards and climate change. For careers in the world of business, an understanding of global economics forms an important part of geography. However, the skills you develop through the studying of geography at A level are readily transferable to a wide range of careers.

A LEVEL HISTORY

Why study this subject at A Level?
History encompasses much of our everyday life and helps us to understand how the human race has reached its current heights. At A Level you will delve a little deeper into specific areas of our past and really explore the causes and consequences of events that have shaped our nation and other parts of the world. You will get the chance to perform at a high academic level and demonstrate the top level of study skills and critical thinking.

What topics will I study?

- Stuart Britain and the 'Glorious Revolution', 1625-1701
- The Russian Revolution, 1894-1924
- Germany from 1871 to 1990
- The Holocaust

Method of assessment:
Three exams and one piece of coursework.

Entry requirement:
Due to the extended essay writing skills required it is recommend that students have achieved at least a grade 6 at GCSE in either History or English. However, individual circumstances will be considered.

Opportunities beyond the classroom:
Along with living and being immersed in a historic site, History A Level ties in well with English and both subjects complement each other. Academic trips to museums and sites of historic interest are on offer where appropriate. There are also academic conferences that take place in London throughout the year, and we will be arranging trips to some of these where they fit with course content. There will be a chance to explore the School archive including a Geneva Bible dating from the 16th Century.

Progression and career opportunities:
All universities see an A-Level in History as a major indicator of solid academic ability as it shows students to be well-read and able to express themselves on the page.
Employers recognise the extensive range of skills developed through the advanced level study of History.

A LEVEL MATHEMATICS

Why study this subject at A Level?
Mathematics requires logic, creativity and imagination—skills highly prized by employers, and not only in jobs which use maths directly. Your precise method of thinking and problem- solving will enable you to tackle a wide range of roles, wherever you are heading.

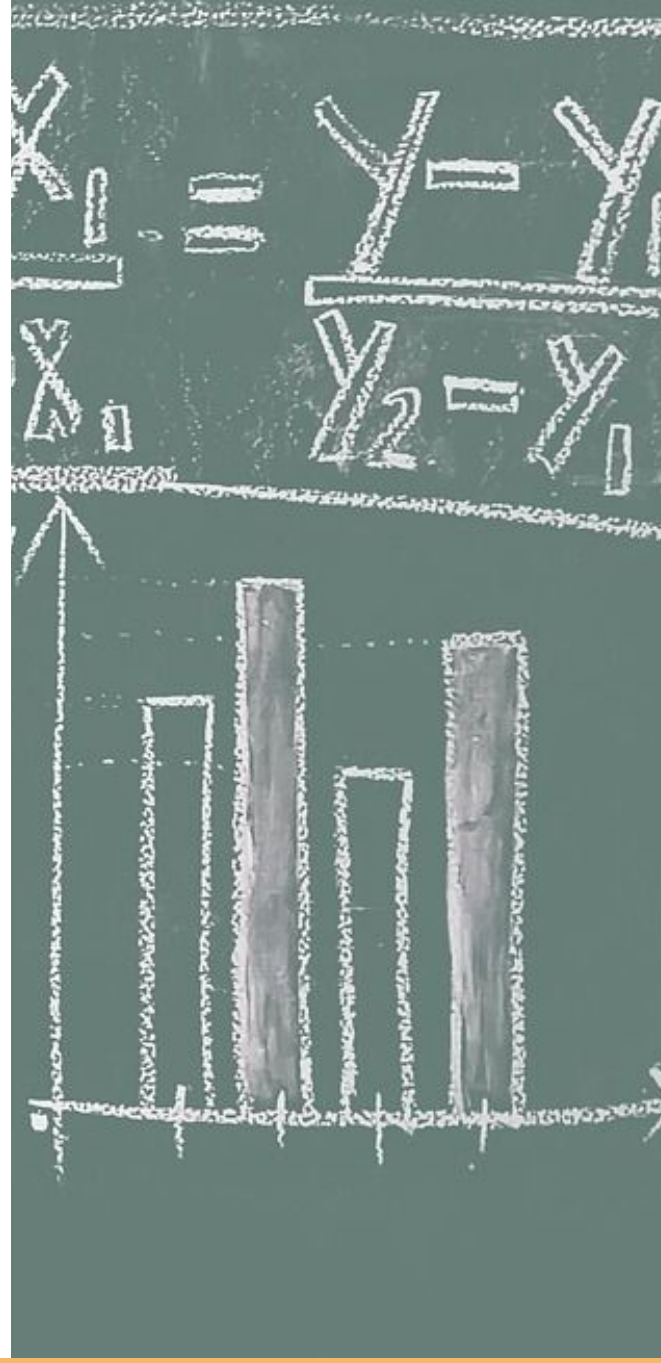
What you will study at A Level?
Pure Maths: Proof, Algebra and functions, Coordinate geometry in the (x, y)plane, Sequences and series, Trigonometry, Exponentials and logarithms, Differentiation, Integration, Numerical methods, Vectors.
Statistics: Statistical sampling, Data presentation and interpretation, Probability, Statistical distributions, Statistical hypothesis testing
Mechanics: Quantities and units in mechanics, Kinematics, Forces and Newton's laws, Moments

Method of assessment:
100% assessment by exam. Students will sit three papers at the end of Year 13.
Paper 1: Pure Mathematics 1 33.33%
Paper 2: Pure Mathematics 2 33.33%
Paper 3: Statistics & Mechanics 33.33%

Entry requirement:
Grade 6 or above in GCSE Maths.

Opportunities beyond the classroom:
You will be prepared for and sit UKMT Mathematics Challenges at senior level. There are also opportunities to represent the College in team Maths challenges.

Progression and career opportunities:
Students of Mathematics are in high demand for some of the most well-paid jobs around. Careers in areas such as computer science, finance, scientific research and engineering allow people to contribute to a brighter technological future, and utilise the highly sought after skills available to learn in an A-Level in Mathematics.



A LEVEL FURTHER MATHS

Why study this subject at A Level?
If you enjoy Mathematics, this course will provide you with a challenge and give you the chance to explore new and more sophisticated mathematical concepts. Further Maths will count as two A levels: you will study three A Level Maths modules in the first year and four A Level Further Maths module in the second year. Further Mathematics qualifications are highly regarded by universities and are very useful for engineering and economics graduate courses.

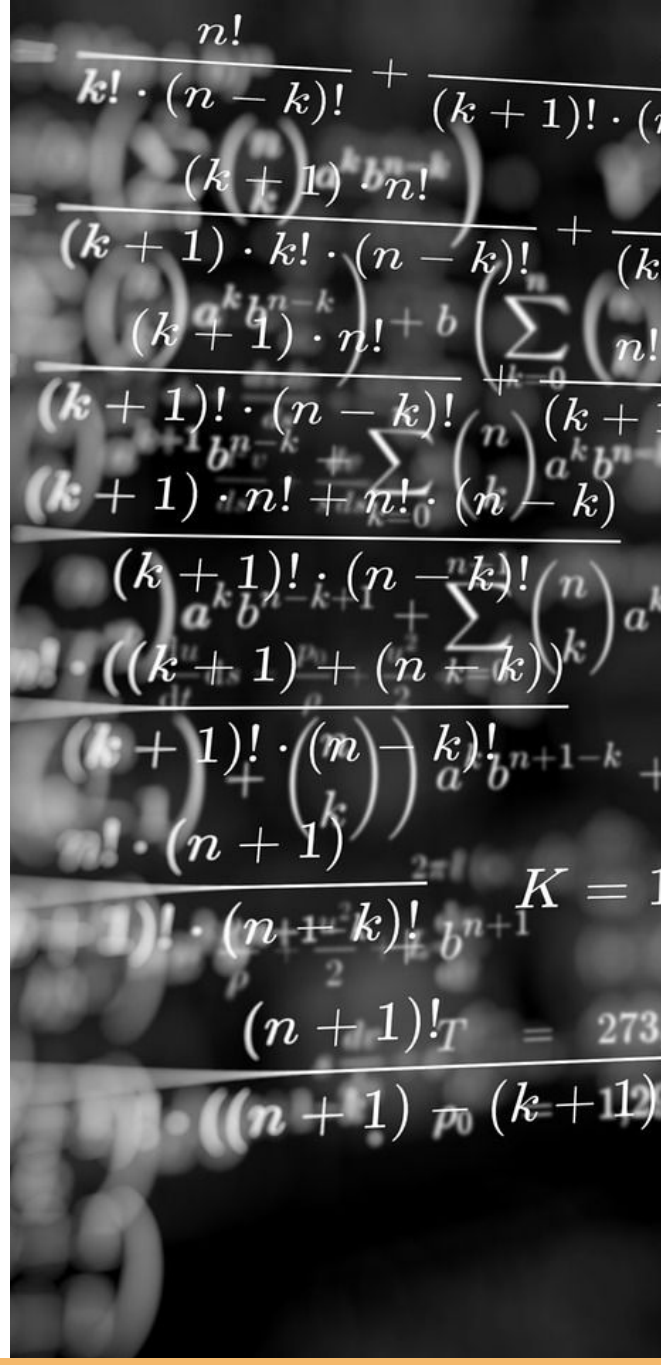
Method of assessment:
Core Pure: Proof, Complex numbers, Matrices, Further algebra and functions, Further calculus, Further vectors, Polar coordinates, Hyperbolic functions, Differential equations.
Pupils then have the choice of 2 of the following:
Optional Modules: Further Pure Maths, Further Statistics, Further Mechanics, and Decision Mathematics

Method of assessment:
You will sit seven two-hour papers for the double A Level qualification. You can be assessed at AS level at the end of the second year.

Entry requirement:
Grade 6 or above in GCSE Maths.

Opportunities beyond the classroom:
You will be prepared for and sit UKMT Mathematics Challenges at senior level. There are also opportunities to represent the College in team Maths challenges.

Progression and career opportunities:
Students of Mathematics are in high demand for some of the most well-paid jobs around. Careers in areas such as computer science, finance, scientific research and engineering allow people to contribute to a brighter technological future, and utilise the highly sought after skills available to learn in an A-Level in Mathematics.



A LEVEL MFL
FRENCH & SPANISH

Why study this subject at A Level?
A Modern Language will boost your employability, confidence, knowledge of cross-curricular topics and improve your critical thinking and interpersonal skills. Throughout your studies, you will further your competence in the language while developing your knowledge of the countries where the language is spoken.

Method of assessment:
Paper 1: Listening, Reading & Writing (including translation from and into English) - 50%
Paper 2: Writing (Essays on the work of Literature & Film) - 20%
Paper 3: Speaking - a 23-minute oral exam, including a discussion on an Independent Research Project (IRP) - 30 %

Entry requirement:
A grade 7 or above in the chosen language at GCSE.

What themes will I study?
Current affairs and social media, political issues and trends; technological, scientific and artistic developments, as well as the Culture of the countries where the language is spoken. We will also study a work of Literature and analyse a Film. Thus, making an A Level in a language an ideal complement to both Scientific and Humanities subjects.

Opportunities beyond the classroom:
Cultural immersion opportunities and academic outings are on offer where appropriate. Moreover, all students are encouraged to take full advantage of the resources available in the department to practise their language skills further.

Progression and career opportunities:
Languages at A Level are becoming increasingly important as employers actively seek people with good communicative and analytical skills. Studying a language at A Level could lead to a straight language course, a degree combining a language with another subject, such as Business, Law, International Relations, but it could also be a subsidiary subject in a Science degree, such as Chemical Engineering. What it is certain is that languages are extremely useful in all walks of life, from Industry to Research, Politics Tourism, Journalism, as well as in the Diplomatic World.

RSL LEVEL 3 DIPLOMA
CREATIVE MUSIC INDUSTRY

Why study this subject?
Music can be a great release from the differing styles of other subjects as it gives you the opportunity to perform and to create. Music nestles alongside Languages, Maths, Sciences, Humanities and other Creative Arts, so it can be approached from many academic standpoints. Nurturing a higher level of performance and creativity are transferable skills for life. The cultural enrichment through analysis and listening to a wide range of musical genres provides a sound base for developing as a well-rounded member of society!

Method of assessment:
Pupils will study a range of units that can be shaped around their interests, skills and abilities. All assessment is through the creation of portfolios of evidence showing the development of their musicianship. This will include written work, video and audio recordings and practical music through performance and/or composition. Assessment takes place throughout the course through a number of assignment briefs. Assessment is 100% coursework, there is no final examination in this course.

Entry requirement:
Pupils should have a general aptitude for music. To follow the Performance pathway students should be proficient on an instrument or singing. To follow a Music Technology pathway students should have experience and basic skills in computer based music making. Pupils who have not taken music at GCSE will be assessed via an audition/interview to ensure their suitability.

What to expect?
This music course maximises the potential for practical music making in all its forms. You will spend most of your time developing your skills across all aspects of music. On this course you can also gain credit through taking part in school music groups such as the choir, camerata or school production.

A LEVEL PHOTOGRAPHY

Why study this subject at A Level?
A Level Photography is designed to encourage students to develop skills, creativity, imagination and independence based on personal experience, taught skills and critical understanding. Students show this through their responses to a range of stimuli and through research and individual study.

- You will develop a wide range of skills and techniques
- You will explore a variety of photographic media, techniques and processes
- You will be able to use traditional and/or digital techniques

Method of assessment:
Work is internally assessed and externally moderated. The four assessment objectives include a student's development, exploration, recording and presenting.

Entry requirement:
GCSE in Art & Design with Grade 4 or above, or equivalent qualification.

What to expect?
AS Level students produce a portfolio of coursework covering several topics to demonstrate exploration, research and acquisition of techniques and skills.
A Level students produce two elements. Firstly, a portfolio of work showing personal response to a starting point or stimulus. Secondly, a related study including an extended response of 1000 words. The externally set task consists of selecting a starting point from an early release exam paper.

Opportunities beyond the classroom:
You will have access to the department's studio space and will be encouraged to visit galleries and exhibitions. Past visits have included; The Tate Galleries, Turner Contemporary and The Photographers' Gallery, as well as other independent galleries and exhibitions.

A LEVEL PHYSICS

Why study this subject at A Level?
Physics is in high demand in industry: the analytical skills developed within it are highly prized, especially in Engineering, Medicine and Computer Science. It is an interesting and stimulating subject and involves up to date topic areas from recent research.

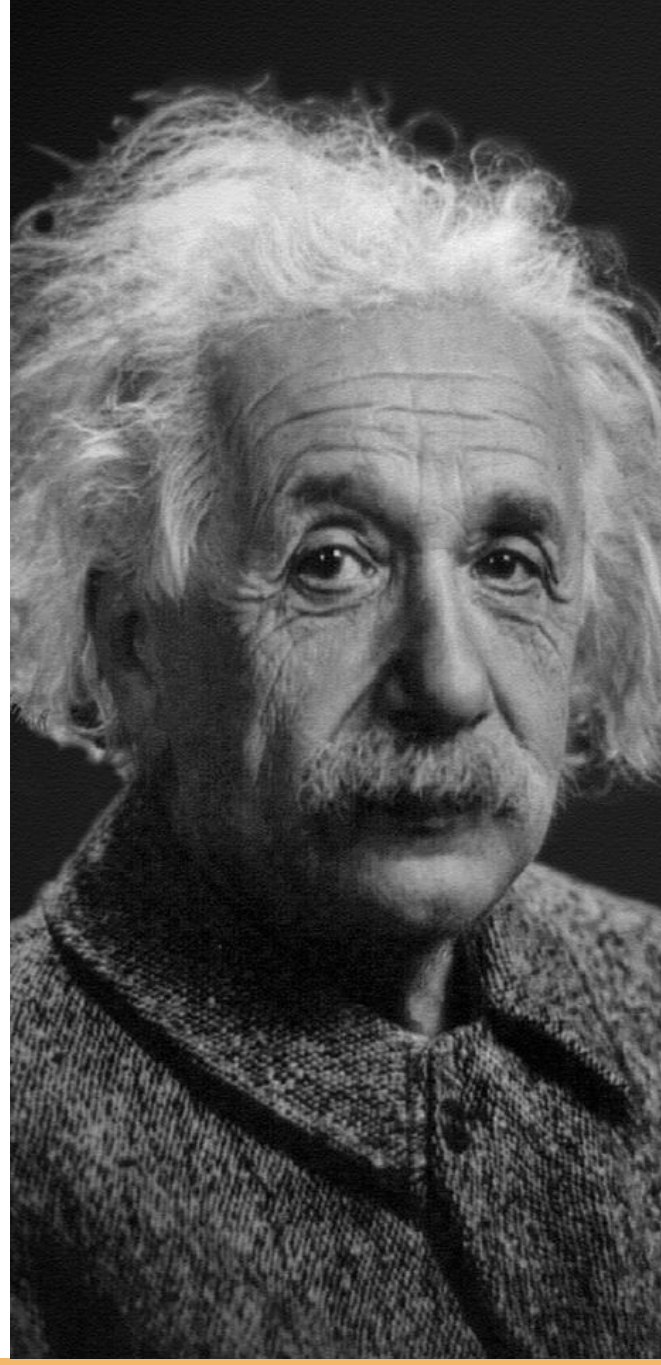
Method of assessment:
100% assessment by exam. Students will sit three papers at the end of Year 13.
Paper 1 Modelling physics 37%
Paper 2 Exploring physics 37%
Paper 3 Unified physics 26%
A practical endorsement (no exam assessment) is reported separately to 'A' Level grade.

Entry requirement:
Grade 6 or above in Combined Sciences or Separate Sciences and a Grade 6 in Maths.

What to expect?
Module 1 - Development of practical skills in physics
Module 2 – Foundations in physics
Module 3 – Forces and motion
Module 4 – Electrons, waves and photons Module 5 – Newtonian world and astrophysics
Module 6 – Particles and medical physics

Opportunities beyond the classroom:
Dover College holds affiliate membership of the Institute of Physics. All students have access to the resources via the app. In addition to this, students can attend a Science Journal Discussion Group held during lunchtimes.

Progression and career opportunities:
A degree in physics can lead to a range of fulfilling and exciting careers. Physicists are highly sought after in a variety of fields. Jobs directly related to a Physics degree include becoming an astronomer, a clinical scientist, a lecturer, a nanotechnologist, a radiation protection practitioner, a research scientist and a sound engineer. A degree in physics will also enable you to gain skills that would be highly relevant in other, more unexpected roles. These include as a data analyst, a nuclear engineer, an operational researcher, a patent attorney, a software engineer and a telecommunications researcher.



A LEVEL PSYCHOLOGY

Why study this subject?
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 and employers, including critical analysis, independent thinking and research.

Course Structure:
Compulsory content:

- 1 Social influence
- 2 Memory
- 3 Attachment
- 4 Psychopathology
- 5 Approaches in Psychology
- 6 Biopsychology
- 7 Research methods
- 8 Issues and debates in Psychology

Then, one topic is chosen from each of the following:

Option 1

- 9 Relationships
- 10 Gender
- 11 Cognition and development

Option 2

- 12 Schizophrenia
- 13 Eating behaviour
- 14 Stress

Option 3

- 15 Aggression
- 16 Forensic Psychology
- 17 Addiction

Method of assessment:
Each of the 3 external exams are 2 hours long. Paper one - Introductory topics in Psychology, Paper 2 - Psychology in context, and Paper 3 - Issues and debates. All papers consist of a mixture of short answer and essay responses.

Entry requirement:
Grade 4 in Combined Science, English and Maths GCSEs

Progression and career opportunities:
Students can go on to study a variety of degrees including psychology and nursing. Psychology paves the way for a multitude of rewarding careers in the health and academic sector, and for the psychologists of the next generation.

BTEC LEVEL 3
APPLIED SCIENCE

Why study this subject?
Students completing their BTEC Nationals in Applied Science will be aiming to go into employment, often via the stepping stone of higher education. The Extended Certificate is designed for learners who are interested in learning about the sector alongside other fields of study, with a view to progressing to a wide range of higher education courses, not necessarily in applied science. The BTEC is designed to be taken as part of a programme of study that includes other appropriate BTEC Nationals or A Levels, but fits in best to the Careers Plus programme.

Course Structure:
Equivalent in size to one A Level. 4 units of which 3 are mandatory and 2 are external.
Mandatory content (83%)

- Unit 1: Principles and Applications of Science (Externally assessed)
- Unit 2: Practical Scientific Procedures and Techniques (Internally assessed)
- Unit 3: Science Investigation Skills (Externally assessed) Optional content (17%)
- One Internally assessed unit

Method of assessment:
Externally assessed examinations - all learners take the same assessment at the same time, normally with a written outcome.
Internally assessed set tasks - learners take the assessment during a defined window and demonstrate understanding through completion of a vocational task.

Entry requirement:
Grade 4 in Combined Science and Maths GCSEs

Progression and career opportunities:
Students can go on to study a variety of degrees including pharmacology, forensic science nursing and veterinary nursing. Applied Science paves the way for a multitude of rewarding careers in the health and academic sector. It paves the way for the scientists of the next generation.

BTEC LEVEL 3
CREATIVE DIGITAL MEDIA

Why study this subject?

- You will be able to critically analyse any media product to find the truth behind it
- You will learn the technical skills to produce films, TV programmes, magazines and other media products
- You will learn how to find, engage and build an audience for any product, including computer games and social media
- You will prepare for employment in one of the busiest growth sectors of the job market

Method of assessment:

100% assessment by exam. Students will sit three papers at the end of Year 13.

- Module 1. Media Representation- External Assessment
- Module 2. Pre-Production Portfolio- Internal Assessment
- Module 3. Responding to a Commission- External Assessment
- Module 4. Film Production (Fiction)- Internal Assessment

Entry requirement:

Standard Level 3 vocational entry requirements apply. The minimum requirement is at least five GCSEs at Grade 4 OR at least 3 GCSE subjects at Grade 4 alongside 2 alternative GCSE equivalent requirements.

What to expect?

You will analyse a variety of digital media sources (film, TV, print, computer games, social media, radio, podcasts etc.) and find out how they are produced and why they appeal to their target audiences. You will learn why you enjoy what you enjoy. The course will also cover the psychology of understanding the visual world and how audiences interact with it. This will be based on several theoretical and psychological frameworks as well as cultural and sociological understanding. You will then go on to learn the skills to produce these yourselves. There is a focus on functional and practical media skills in this course where you will learn how to use the equipment and spend a lot of your time doing practical activities. You will learn the skills to devise, shoot and edit your own film, telling your story your way.

Opportunities beyond the classroom:

We will have guest lecturers from the industry and there will be opportunities to shoot film projects within the community.

Progression and career opportunities:

Careers opportunities are very wide and include careers in television, radio, advertising and social media management.

OCR TECHNICALS LEVEL 3
BUSINESS

Why study this subject at A Level?
Business provides learners with a meaningful understanding of how businesses operate, develop and expand in a modern and ever changing world. The Cambridge Technical is a Level 3 qualification designed to give grounding in different aspects of Business and for students who are interested in learning about the business sector alongside other fields of study. You will follow a specialist work related programme that covers the knowledge and skills required to progress successfully in a workplace. You will get a firm basis for higher education. You will look at a range of businesses and learn to make intelligent, thoughtful and informed contributions by applying.

Method of assessment:
3 Units Internal assessment through coursework
2 Units External examination

Entry requirement:
Standard Level 3 vocational entry requirements apply. The minimum requirement is at least five GCSEs at Grade 4 OR at least 3 GCSE subjects at Grade 4 alongside 2 alternative GCSE equivalent requirements.

Topics to study:
You will cover five units that will give you an understanding of how businesses are set up and run. These units will cover The Business Environment, Working in Business, Customers and communication, Marketing and Market research and Business Events.

Opportunities beyond the classroom:
Heard of The Apprentice on TV? Our students who study business can take part in Young Enterprise, where they set up their own business and sell products and services to other students, parents and the wider community. Pupils take on different roles within the business under the guidance of a local business advisor and their teacher. They also compete against other teams to present their product and service. Pupils will also have an opportunity to take part in a work experience placement towards the end of Year 12.

Progression and career opportunities:
Future careers include, Accounting, Marketing and Human Resources. Students can go on to study a variety of Business degrees, including specialising in Marketing or Accounting. Business is a broad subject that can mix with a combination of any other vocational or academic courses.

BTEC LEVEL 3
INFORMATION TECHNOLOGY

Why study this subject?
Whether you are interested in programming, social media or website design, this is the course for you. This Level 3 course covers many of the skills required for pursuing a career in IT as well as the academic knowledge to progress into Higher Education.

Method of assessment:
Two units are external assessment and two units are internally coursework-based assessment and externally moderated.

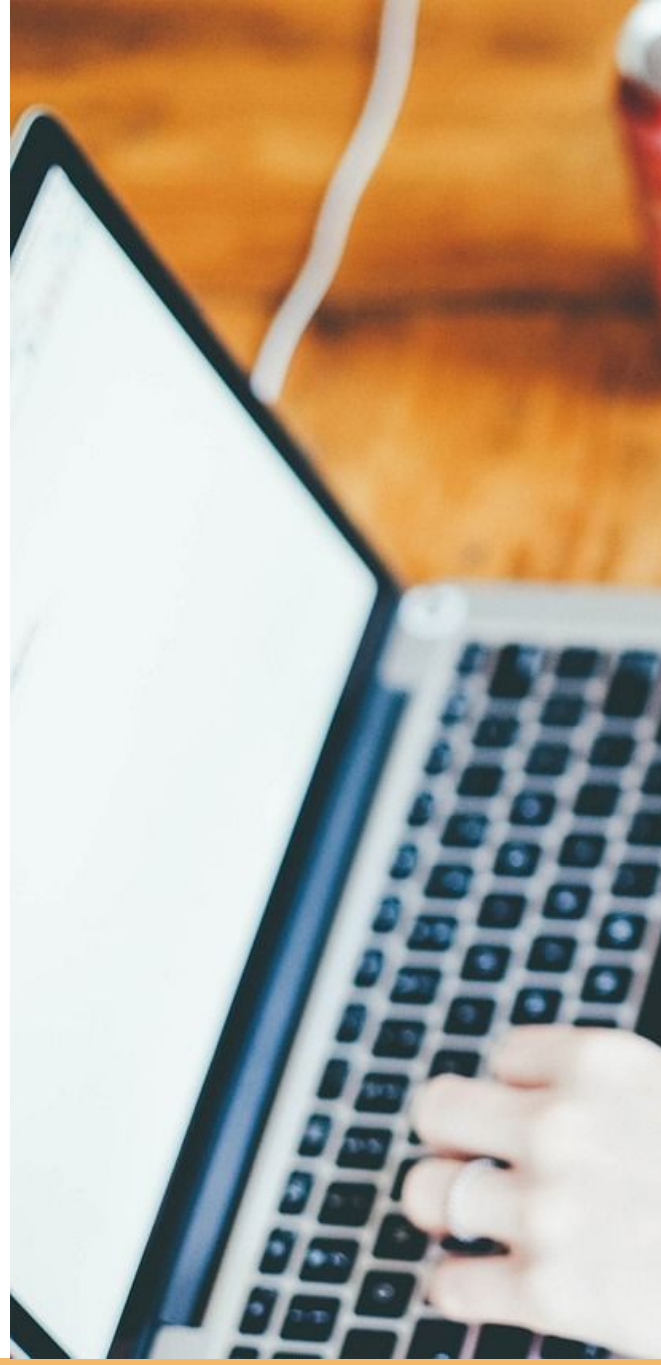
Unit 1 Mandatory Information Technology Systems (2 Hour External Exam)
Unit 2 Mandatory Creating System to Manage Information (External controlled assessment)
Unit 3 Mandatory Using Social Media in Business (Internally assessed and externally moderated)
Unit 6 Mandatory Website Development (Internally assessed and externally moderated)

Entry requirement:
Standard Level 3 vocational entry requirements apply. The minimum requirement is at least five GCSEs at Grade 4 OR at least 3 GCSE subjects at Grade 4 alongside 2 alternative GCSE equivalent requirements.

What to expect?
This work-related programme of study covers a wide range of practical skills for current and future careers in the IT industry. During this course you will be given the opportunity to develop your knowledge and skills in IT systems, systems management and social media in business.
This will enable you to progress to further study in the IT sector or other sectors.

Opportunities beyond the classroom:
You will be offered a varied enrichment programme including programming and robotics clubs.

Progression and career opportunities:
Specific careers in Information Technology include: Systems Analysis, ICT / Information Systems Management, Software Engineering, Consultancy and Design, Education. There are also a wide range of ICT and Computer Science related courses that can be studied within Higher Education.



BTEC LEVEL 3
SPORT

Why study this subject?
The Level 3 BTEC Extended Certificate in Sport is a qualification for those who have a genuine interest in the scientific, theoretical and practical aspects of the subject. It also helps you develop a number of transferable skills:

- Researching actively and methodically
- Giving presentations and being an active member of a group
- Effective writing
- Analytical skills
- Creative development

Topics to study at BTEC and methods of assessment:
Unit 1 Mandatory Anatomy and Physiology (90-minute written exam. External assessment)
Unit 2 Mandatory Fitness Training and Programming for Health, Sport and Well-being (External controlled written assessment
Unit 3 Mandatory Professional Development in the Sports Industry (Coursework-based assessment)
Plus one of the optional units: Sports Leadership, Sports Psychology, Application of Fitness Training or Practical Sports Performance

Entry requirement:
Minimum Grade 6 in GCSE Science (double award) and minimum Grade 6 in Maths and English at GCSE. This is a scientifically demanding course in which the external assessments must be passed to gain the qualification.

Opportunities beyond the classroom:
You will visit the university of Canterbury Sports Science department, where you will be put through your paces in various fitness tests. You will have the chance to host and organise sporting events, coach small groups and risk assess sporting situations. You will be expected to commit fully to the sporting life of the College and represent it in its major sports teams.

Progression and career opportunities:
Along with competing as an athlete if you are fortunate enough to compete for a club you can tailor your sport pathway into sports coaching and management. On top of this you could become a sports development officer and enhance the variety of opportunities available to young people as they grow or become a PE teacher and have a positive impact on the next generation. Outside of the classroom other opportunities lie within sports physiotherapy, sport therapy or becoming a sports lawyer. If writing and exploring is more your passion, you could become a sports journalist or photographer and your career could take you all over the world.

EXTENDED PROJECT QUALIFICATION

Why study this subject?
An EPQ provides further academic stretch and challenge alongside A Level studies and also helps to evidence a genuine interest in a specific area (which is useful for UCAS university applications). An EPQ also carries UCAS points and is valued at 50% of a full A Level in the UCAS tariff.

Method of assessment:
Work is internally assessed and externally moderated.
An EPQ consists of a 5000-word report on a subject of your choice and a presentation on both the planning and project management of your EPQ, as well as the content of your report.

What to expect?
Completing an EPQ helps students develop a number of different skills, which are vital for university. It requires excellent organisational skills: planning the project over a 20-week period and making sure that each stage is completed on time is essential to creating a high-quality end product and attracting the highest assessment marks in the process. Students also develop good time-management skills because it is not part of the normal school curriculum. Students therefore have to assign their own time to complete the project each week, while juggling the demands of A Levels.

Topics of EPQ:
You can do an EPQ on any topic. As long as it does not overlap with the content of your A level studies, and as long as you are able to produce an academic piece of writing about it, you are good to go. Your supervisor can help you to know whether what you wish to write about is appropriate.

Progression and career opportunities:
The EPQ is a highly valued qualification, which can certainly enhance university applications and helps students to develop study skills, which will be invaluable for Higher Education. Many universities will reduce their grade entry for students with predicted grades of B and above in the EPQ.

INTERNATIONAL IELTS

Why study IELTS?
IELTS Academic Module is the most common English language requirement for university entrance in the UK. It also has universal validity.

What does IELTS consist of?
Pupils are prepared for, and tested in listening, reading, writing and speaking exams, each worth 25% of the total mark. There is no externally validated coursework. A score from 1 to 9 is awarded for all four tested skills and these are then averaged and rounded to produce an overall Band score ranging again from 1 to 9.

How much do I need to score?
Entry to university normally requires an overall grade of between 6, 6.5 or 7 dependent on the subject and university. Some courses may ask the student to have, for example, a 6.5 for writing or in all 4 skills. Results are issued two weeks after the students have taken the test on a Test Report Form. This is valid for two years.

Where and when can I take the test?
IELTS exams are held on set dates during the year and students are normally prepared for exams held in the Lent and Summer terms. In some circumstances it might also be possible for suitable candidates to take the exam at the end of the Michaelmas term. Exams are usually held at the test centre in Canterbury.
The exam can also be taken independently at other approved test centres both in the UK and abroad.

Entry Requirement:
This course is for International students in Lower Sixth who have taken the IGCSE and are academically strong. We offer a Saturday morning 3-hour IELTS session for all IELTS candidates and recommend our students make the most of this opportunity to practise essential exam techniques.

IGCSE ENGLISH AS A SECOND LANGUAGE

Why study this subject at IGCSE?

- You will have the opportunity to obtain a useful qualification in English
- You will enhance your general knowledge skills
- You will prepare for the more demanding IELTS course later

If you came to England to study and improve your English, pass your exams in a variety of subjects and then go to university— this course is for you!

What topics will I study?

Skills practice: listening, reading, writing, speaking.
Language work: topic-based material, grammar, vocabulary building, spelling, functions, register, colloquial and formal language, punctuation and paragraphing.
Analysis and practice of different writing styles: letters, e-mails, summaries, report and discursive essay writing, etc.

Method of assessment:

Assessment by examination only:
CIE Reading & Writing 60%
Listening 20%
Speaking 20%

Ideally, students follow a two-year course during Fourth and Fifth Form. However, many international students entering Lower Sixth with an appropriate level of English can attend courses which will enable them to take the exams in May.

Opportunities beyond the classroom:

Much as our EAL expert teachers enjoying bringing language to life inside the classroom, we recognise the importance of getting out and about and making the most of your time in the UK. You will practise your spoken and written English as much as possible in 'real life' scenarios, on school trips, for example, to art galleries and theatre productions in London. We also love our annual visit to the Harry Potter Museum!

DOVER COLLEGE

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