



FROME FUTURES

**SIXTH FORM
COURSE GUIDE**

2021
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Welcome to Sixth Form at Frome College

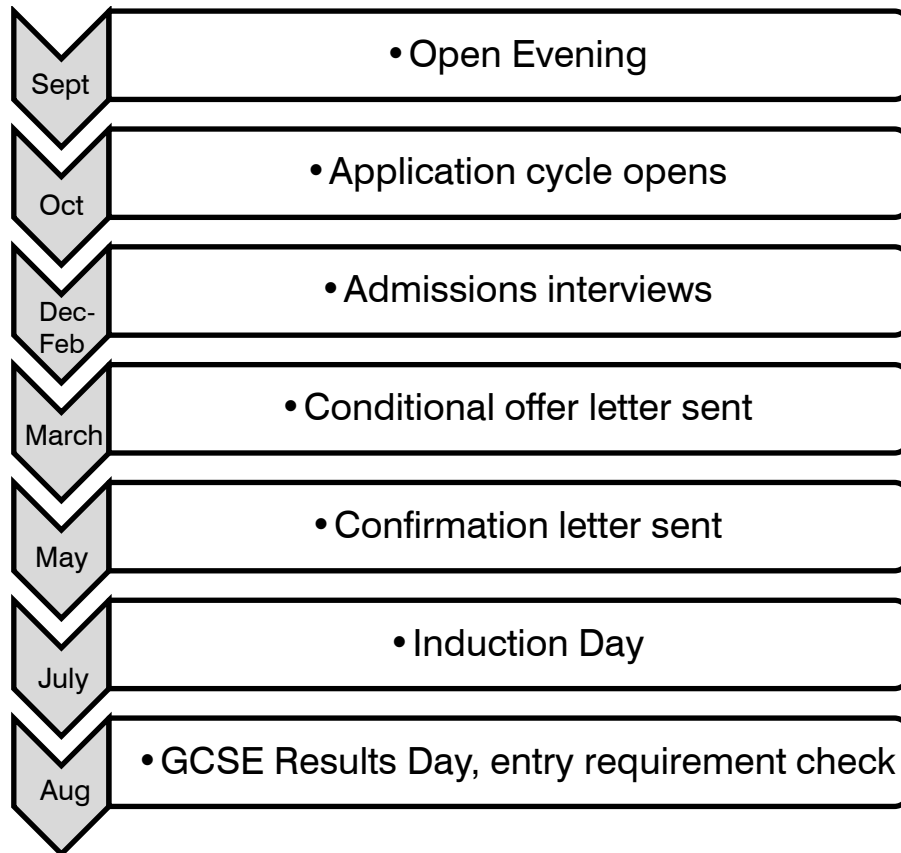
This is an exciting time to be joining our thriving Sixth Form at Frome College as we look to build upon results which have strengthened year on year. We have a proven track record of success that continues to improve; one of the broadest curriculum offers in the area; and a total commitment to student-focused support and challenge. Many of our students progress to university and we have an excellent success rate in ensuring students achieve their first choice for higher education, including Oxbridge and Russell Group universities. Equally, large numbers of students are successful in securing highly competitive apprenticeships.

Our student body is extremely diverse, with students able to pursue a curriculum that is tailored to meet their needs. Above all, we seek to help our Sixth Formers develop into well-rounded and responsible young adults. To help prepare students for life in the wider world we offer a bespoke programme of personal, social, health and economic education. Students are also supported in seeking career specific work experience and volunteering opportunities throughout the year. Finally, our thriving student union offers a myriad of opportunities for aspiring leaders and gives students a real say in their Sixth Form experience.



Mr R Hood
Head of Sixth Form

Application Timeline



Entry Requirements

The entry requirement for Level 3 Courses is five GCSE passes grade 9-4. Many subjects, however, require GCSE passes at a higher grade.

A Levels

A Levels are Level 3 courses and are normally taken as an academic route into higher education. Typically, a student with the required GCSE qualifications will choose three full two-year A Levels.

BTEC Level 3

Course title	A Level equivalence
BTEC Nationals Level 3 Extended Certificate	One A Level
BTEC Nationals Level 3 Diploma	Two A Levels
BTEC Nationals Level 3 Extended Diploma	Three A Levels

GCSE resits

We offer GCSE resits in English and mathematics for those students who did not achieve a grade 4 or above in Year 11.

Contributions to courses

Where possible, we seek to minimise the costs students incur during their Sixth Form study. It is necessary for some additional materials to be purchased, particularly for some practical courses e.g. printer credits.

For low-income families we have limited funds available through the Government's 16-19 Bursary Fund. Financial support is allocated according to need, within the Government's guidelines.

A typical Sixth Form curriculum

Students choose three full A Levels (or equivalent) qualifications. This is the expectation for the majority of students, but is discussed one-to-one with students during the interview process.

We recommend that students who choose A Levels with a significant mathematical component, but do not choose A Level Maths, take Core Maths. Student will also be expected to engage with compulsory Personal, Social and Health Education (PSHE) lessons.

Curriculum Pathways

GCSEs	Suggested programmes of study	Possible destinations
Mostly 7-9	Three A Level subjects, including 1 or 2 facilitating subjects (see below). Students will be encouraged to take the Extended Project Qualification (EPQ) when they go into Year 13.	<ul style="list-style-type: none"> • Russell Group* Universities (including Oxbridge) • Universities • Degree Level Apprenticeships • Employment
6 or 7	Three A Level subjects. EPQ is recommended for students when they go into Year 13.	<ul style="list-style-type: none"> • Russell Group* Universities • Universities • Higher Level Apprenticeships • Employment
5 or 4	Three A Level subjects/BTEC Level 3 subjects.	<ul style="list-style-type: none"> • Universities (undergraduate degrees) • Universities (foundation degrees) • Higher Level Apprenticeships • Traineeships • Employment
4 or 3	Three BTEC Level 3 subjects or A Level subjects with standard entry requirements. If the A Level entry requirements are not met, students can apply for the World of Work course (work experience and employability skills qualification). Alternatively, some students will apply for an apprenticeship, traineeship or progress directly into employment.	<ul style="list-style-type: none"> • Universities (undergraduate degrees) • Universities (foundation degrees) • Apprenticeships • Traineeships • Employment
2 to 1	World of Work – work experience and employability skills qualification. Opportunity to resit GCSE English and maths.	<ul style="list-style-type: none"> • Level 3 Courses (at Frome Futures) • Apprenticeships • Traineeships • Employment

* For more information visit: www.russellgroup.ac.uk

Facilitating subjects

These are the A Level subjects highlighted by the Russell Group of universities as those that provide the most options when making your application. The subjects include: Maths, Further Maths, English Literature, Chemistry, Physics, Biology, Geography, History and languages (both modern and classical). “Our consistent advice is that taking two facilitating subjects will keep a wide range of degree courses and career options open to you” (advice from the Russell Group). More information on applying to the Russell Group can be seen in their publication ‘Informed Choices’.

GCSE Resits

It is compulsory to retake Maths and English Language if you do not achieve a grade 4 or above at GCSE.

UCAS Tariff Points

UCAS Points (also known as the UCAS Tariff) are a way of measuring the relative value of all post-16 qualifications in the UK. Points are awarded according to the UCAS Tariff, which assigns a numerical score to the possible grades that can be achieved in each type of qualification. As you would expect, the higher the grade you achieve, the higher the number of points.

Why are UCAS Points important?

Some universities and courses will make offers based on the total number of points that you earn. According to UCAS, two thirds of university courses don't use the Tariff to advertise course requirements, but for those do, it allows greater flexibility over the grade combination needed to meet the requirements.

For example, while a grade-based offer (e.g. ABB) means a student must achieve a certain combination of grades, an offer based on UCAS Points (e.g. 120) allows a student to use any combination of grades to meet the threshold.

Qualification and Grade	Tariff Points	Qualification and Grade	Tariff Points
A Level Grade A*	56	BTEC Nationals L3 Distinction*	56
A Level Grade A	48	BTEC Nationals L3 Distinction	48
A Level Grade B	40	BTEC Nationals L3 Merit	32
A Level Grade C	32	BTEC Nationals L3 Pass	16
A Level Grade D	24		
A Level Grade E	16		

Next Steps in the Sixth Form

At Frome College we understand that job markets are evolving and we want to help prepare students for an ever-changing future by creating their own career path. Opportunities when leaving the Sixth Form are also changing; with an increase in the range of apprenticeships available, as well as planned gap year experiences and studying at university abroad.

We encourage all students to consider a wide range of options. We organise many trips; to apprenticeship conferences, the Higher Education Convention where students can meet the majority of UK universities and many employers, the Oxbridge Convention; as well as inviting in many guest speakers to address students on a wide range of future options, careers paths and degree courses.

We run the Access to Bristol, Pathways to Health Sciences and Pathways to Law Schemes; which involve 8 afternoons at Bristol University studying a degree subject of interest, which as well as enhancing students' university applications, facilitating entering Bristol University with a waiver of the first year's tuition fees, can also help students ascertain what they would like to study longer term. We also offer STEM Nuffield Summer Camp, Rotary Youth Leadership and the On Track to Bath Scheme.

As part of our commitment to developing the whole student - all Year 12 students take part in a minimum of three work experience placements or university taster session, which should be tailored to meet their career aspirations. We actively encourage students to participate in volunteering to enhance their personal statement or CV. Throughout the Sixth Form all students take part in a number of activities to develop their career planning and skills such as three Careers Talk events each year; up to 20 employers are invited in per event - students elect to attend the session which most closely matches their interests, or to gain insight into a new career.

In Year 13, Sixth Formers planning for university have extensive support in the writing of a strong personal statement. We have an exceptional track record of ensuring all applying students succeed in university entry. All students attend sessions to improve their CV and Interview Skills. Students planning to enter the workplace after Sixth Form are invited to 1-2-1 meetings to discuss their future plans, further strengthen their CV, can receive a mock interview and gain support with job applications. All Sixth Formers are welcome to access the Next Steps office in F5, for support during their free lessons or at Job Club which is after school every Tuesday throughout the year. Parents are also very welcome to talk to Louise Friend the Employability Co-ordinator at any stage, the contact email address is:
louise.friend@fromecollege.org

Student Leadership



Jacob Smalley (President) and Zac Durojaye (Vice President), 2020-21

Part of the ethos of the College is to develop leadership opportunities for young people. We have an active and thriving Student Union that aims to empower student led initiatives across the College.

The Student Union executive is elected annually from those in their last year at the College. The President/Vice President stand on a joint ticket and campaign throughout the month of June to win support for their vision of the Sixth Form.

The executive team are responsible for recruiting students into a wider range of roles including Charity, Eco and Arts Officers. Whatever your interests, experiences or ambitions are, there is a role for you in the Student Union.

Applied Diploma in Criminology

Level 3 Applied Diploma (equivalent to one A Level)

An understanding of criminology is relevant to many job roles within the criminal justice sector, social and probation work and sociology and psychology. This new qualification will bring together elements of psychology, law and sociology to help students appreciate the role.

It is assessed by a mixture of coursework and formal exams.

Year 12 Content

Unit 1: Changing Awareness of Crime Mandatory

This unit will give you the opportunity to understand the complexity of criminality, different types of crime. Your assessment for this unit will be in the form of a piece of coursework that involves planning a campaign for change in relation to crime; for example to raise awareness, change attitudes or change reporting behaviour.

Unit 2: Criminological Theories (External)

This unit will give you an understanding of what criminal behaviour is and why people commit crime. This unit will be assessed by a 90 minute formal exam at the end of Year 12.

Year 13 Content

Unit: 3 Crime Scene to Courtroom

This unit will provide an understanding of the criminal justice system from the moment a crime has been identified to the verdict. Your assessment for this unit will be in the form of a piece of coursework.

Unit 4: Crime and Punishment Mandatory

In this unit you will learn about the criminal justice system and how it operates to achieve social control, organisations which are part of our system of social control and their effectiveness in achieving their objectives. This unit will be assessed by a 90 minute formal exam at the end of Year 13.

What do I need?

Five GCSEs 9-4 (including grades 9-5 in English).

What career could I have?

- Police Officer/Detective
- Prison/Probation officer
- Social Worker
- Youth Worker
- Border Force Officer
- Data Scientist
- Forensic Computer Analyst
- Local Government Officer
- Social Researcher
- Solicitor/Paralegal

Who can I contact for more information?

Mr A Davies
ADavies@fromecollege.org

Need more information?

<https://tinyurl.com/eduqas-criminology>

Applied Psychology

Level 3 BTEC National Extended Certificate (equivalent to one A Level)

Psychology is the scientific study of minds and behaviour. As such, it is a part of our everyday lives. An understanding of human behaviour is fundamental to many jobs in society and the study of psychology at degree level remains a very popular choice.

Year 12 Content

Unit 1: Principles of psychological

You will explore four key approaches in psychology – social, cognitive, learning and biological – studying key concepts such as memory, cognitive priming, conformity, stereotypes and social categorisation.

This unit will be examined at the end of Year 12 through a 1 hour 30 minute formal exam.

Unit 2: Conducting Psychological Research

Human behaviour is unpredictable and diverse, making it particularly difficult to measure. It is, therefore, crucial that the research methods used to investigate key questions are appropriate and thorough.

This unit will help you to develop knowledge, understanding and skills in the scientific process and in psychological research methods. You will do this through carrying out your own psychological research project.

This unit will be assessed via a research project assessment.

Year 13 Content

Unit 3: Health Psychology

You will explore psychological approaches, theories and studies related to lifestyle choices, unhealthy behaviours and behavioural change, linking them to their specific contexts. You will also study theories and treatments of stress, behavioural and biological addiction.

This unit is assessed via a 2 hour formal exam.

Unit 6: Introduction to Psychopathology

The study of psychopathology explores the nature and causes of mental disorders that have their roots in social, genetic or psychological explanations. This unit explores the essential knowledge and skills used by professionals who support those experiencing mental health problems. You will develop knowledge of psychopathology, types and characteristics of mental disorders and approaches to treatment, and the role of professionals in supporting and promoting mental health.

This unit is assessed via an assignment.

What do I need?

Five GCSEs 9-4 (including grades 9-5 in English).

What career could I have?

- Counsellor (marriage/family/addiction/mental health)
- Sports or genetics Counsellor
- Marketing specialist
- Social or community services manager
- Social worker
- Psychologist
- Coach
- Art therapist
- Special Education Teacher
- Child Care Worker
- Human Resources Manager

Who can I contact for more information?

Mrs K Hyde
Head of Psychology & Care
KHyde@fromecollege.org

Need more information?

<https://tinyurl.com/pearson-app-psychology>

A Level course structure

Biology graduates have some of the widest careers prospects, with environmental and biotechnology areas being major players. Biology is a demanding subject that requires a range of skills ranging from logic/thinking, maths, verbal communication and practical. You will need to be able to learn independently and as part of a team. A Level Biology is a linear course and lasts two years, with exams at the end of the second year.

Year 12 content

- Biological molecules
- Cells
- Organisms exchange substances with their environment
- Genetic information, variation and relationships between organisms

Year 13 content

- Energy transfers in and between organisms
- Organisms respond to changes in their internal and external environments
- Genetics, populations, evolution and ecosystems
- The control of gene expression

Practical work

There are numerous opportunities to use practical experiences to link theory to reality and equip students with the essential practical skills they need and will be written up in laboratory books.

Assessments

There are three exams at the end of the two years for A Level, all of which are two hours long. Practical skills will be tested in the exams and students will also be awarded a pass on their certificate for the Practical Endorsement if they are able to demonstrate full competency in the required practical skills to their teacher.

What do I need?

Five GCSE grades 9-4 (including grade 5 English, grade 6 Maths). Grade 6-6 in combined science or a grade 6 in Triple Science Biology.

What career could I have?

- Biomedical scientist
- Botanist / Gardener
- Dental nurse
- Environmental consultant
- Food scientist
- GP / Nurse / Doctor
- Health visitor
- Horticultural manager
- Microbiologist
- Oceanographer
- Ornithologist
- Pharmacologist
- Podiatrist
- Speech and language therapist
- Vet / Zookeeper / Zoologist

Who can I contact for more information?

Mr P Jones
Subject Leader
pjones@fromecollege.org

The BTEC in Business level enables students to engage with, explore and understand business behaviour and develop a critical understanding of what business is and does. It is made up of three core units and one optional unit.

Year 12 content

Unit 1 – Exploring Business (Internally Assessed)

A business is any activity that provides goods or services, whether that is to make a profit or not. The common thread in business is that owners and employees are striving to satisfy customers. Nowadays, customers are more informed and have more options in terms of what they buy and who they buy from, so a successful business is one that balances satisfying their customers with selling products or providing services.

Unit 2 – Developing a Marketing Campaign (External Assessment)

Marketing is a dynamic field central to the success of any business. You will gain an understanding of how a marketing campaign is developed. You will explore different stages of the process that a business goes through when developing its campaign and develop your own campaign for a given product/service.

Year 13 content

Unit 3 – Personal and Business Finance (External Assessment)

This unit includes aspects of both personal and business finance. Personal finance involves the understanding of why money is important and how managing your money can help prevent future financial difficulties. It is vital you understand the financial decisions you will need to take throughout your life and how risk can affect you and your choices. This unit will also give you an insight into where you can get financial advice and support.

Unit 8 – Recruitment and Selection Process, (Internally Assessed)

Recruiting the right people is essential to the success of a business. It is important that the processes and procedures involved in recruitment and selection meet the needs of the business and comply with current regulations. You will learn that successful recruitment is key to maintaining the success of a business, as people are often considered to be the most valued resource. You will explore the various selection tools and the enhanced use of technology in this area. Businesses with an effective recruitment process in place are more likely to make successful appointments. In a competitive labour market this is a major advantage and will support business success.

What do I need?

Five GCSE grades 9-4 (including grades 9-4 in English and Maths).

What career could I have?

- Logistics
- Business administration and office worker
- Enterprise and entrepreneurship. Self-employed/having own business
- Project Manager
- Hospitality, Event Planner; concerts/weddings
- Travel and Tourism
- Marketing and PR
- Human Resources
- Retail manager, Estate Agent
- Purchasing/procurement

Who can I contact for more information?

Mrs N Rorke
Subject Leader
NRorke@fromecollege.org

A Level course structure

Chemistry is a demanding subject that allows students to develop a wide range of skills including logical thinking, mathematics and practical mastery. The breadth and rigour of the course mean it is held in high esteem by universities and employers alike, facilitating entry onto prestigious courses and career pathways. To succeed on this course you must be determined to work hard and learn from your mistakes. In the exams, taken at the end of the two year course, will need and eye for detail and an agile mind in order to achieve the highest grades.

Year 12 content

- Atomic structure
- Amount of substance
- Halogens
- Bonding
- Energetics
- Periodicity

Year 13 content

- Thermodynamics
- Rate equations
- Equilibrium constants
- Organic chemistry
- Nuclear magnetic resonance spectroscopy
- Chromatography

Practical work

There are numerous opportunities to use practical experiences to link theory to reality and equip students with the essential practical skills they need and will be written up in lab books.

Assessments

There are three exams at the end of the two years for A Level, all of which are two hours long. Practical skills will be tested in the exams and students will also be awarded a pass on their certificate for the Practical Endorsement if they are able to demonstrate full competency in the required practical skills to their teacher.

What do I need?

Five GCSE grades 9-4 (including grade 5 English, grade 6 Maths). Grade 6-6 in Combined Science or a grade 6 in Triple Science Chemistry.

What career could I have?

- Anaesthetist
- Chemical engineer
- Chemist
- Dentist
- Energy engineer
- Food scientist
- Forensic scientist
- Geotechnician
- GP/doctor/nurse
- Laboratory technician
- Materials engineer/surveyor
- Oil rig worker
- Pharmacist
- Textile technologist
- Vet

Who can I contact for more information?

Mr D Webber
Subject Leader
dwebber@fromecollege.org

Children's Play, Learning and Development

BTEC Level 3 National Extended Certificate
/ Pearson (equivalent to one A Level)

This course has been designed to be a vocational course. The course covers a range of units and will allow you the opportunity to develop your skills and broaden your knowledge within this subject. The course will give you the opportunity to work in a professional manner and get hands-on experience gaining knowledge in specialist areas.

The BTEC is a work-related course, but when you have finished the course you can use the qualification to help get a job straight away or go into further or higher education, in the same way as your other A Levels will help you. You will study four units of work overall during the course. These are made up of:

Externally assessed units:

- Unit 1: Children's Development (Year 12)
- Unit 2: Development of Children's Communication, Literacy and Numeracy (Year 13)

Internally assessed units:

- Unit 3: Play & Learning (Year 12)
- Unit 5: Keeping Children Safe (Year 13)

These units will be taught over the two years of the qualification. This BTEC qualification will be assessed through two written exam for Unit 1 which will take place in Year 12 and for Unit 2 which will take place in Year 13. You will also be expected to complete written assignments that will be set for the two remaining units.

Work experience is a key part of the BTEC National Award in CPLD. It is expected that students complete a minimum of 50 hours over the two years of the course. We have extensive links with local employers who offer our students a wide range of work placement opportunities. Students can therefore undertake placement in the following areas; pre-schools, nurseries, first and primary schools, centres for children with additional needs.

By the end of the course you will have experienced a variety of settings for which the placements will have been organised to suit your needs. This practical experience is an important part of the course as both employers and universities recognise its value.

What do I need?

Five GCSE grades 9-4 (including grades 9-4 in English and Maths).

What career could I have?

- Nursery Assistant/ Manager
- Teaching
- Registered Childminder
- Nanny – opportunities abroad & UK
- Children's Nursing
- Travel Representative- children's entertainment
- Youth Worker
- Social Work

Who can I contact for more information?

Mrs K Hyde
Head of Psychology & Care
KHyde@fromecollege.org

Computer Science

GCE A Level / OCR

Computer science at A Level is a vibrant course that combines theory and practice. You will learn to code, or code better, think through problem solving exercises, and gain understanding of how computers as systems have embedded themselves into everything from games for toddlers, to the building of empires.

Year 12 content

The first year of the A Level is focused on the principles of computing as well as building a strong programming skillset. Students will learn both Python and C++.

Mini-projects focusing on core algorithms, the stages of agile programming and theoretical concepts are taught using lectures, presentations, student-led discussions and practical demonstrations. Students are expected to program at home at least five hours a week during this course.

Year 13 content

Paper 1 – Computer Systems

Written examination

2 hours 30 minutes (40%)

This paper focuses on the internal workings of the CPU, data exchange, software development, data types and legal and ethical issues.

Component 2 – Written examination

2 hours 30 minutes (40%)

This paper focuses on using computational thinking and problem solving. Students will design algorithms in order to answer questions about programming in order to describe and solve problems.

Component 3 – Non-exam assessment (20%)

Programmed solution to a problem

Candidates discuss, investigate, design, prototype, refine and implement, test and evaluate a computerised solution to a problem chosen by the candidate which must be solved using original code (programming). This is a substantial piece of work, undertaken over an extended period of time.

What do I need?

Five GCSE grades 9-4 (including grade 4 English, grade 6 Maths, grade 6 GCSE Computing)

We may consider students who don't have GCSE computing. Please contact us to discuss our minimum requirements.

What career could I have?

- Computer Programming
- Engineering
- IT
- Computer Technician
- Project Manager
- Designing new technology i.e. phone apps
- Game Design/Development
- Communications Services
- Cyber Security
- Software Engineer
- Web Designer

Who can I contact for more information?

Dr. Ruggiero

Subject Leader

Dana.Ruggiero@fromecollege.org

Drama and Theatre

GCE A Level / Edexcel

Year 12 content

- Practical exploration from the perspective of a performer, director and designer
- Explore first set text through both practical and written tasks.
- Develop comprehensive design for set text, including model box for set and lighting, sound and costume designs
- Complete devising component in terms 3 and 4
- Live theatre visits to develop written evaluation skills.
- Explore the theories of key theatre practitioners

Year 13 content

- Explore set text for Component 3, Section C: Woyzeck by Georg Buchner, including original performance conditions and Expressionist movement.
- Develop understanding of the work of a theatre practitioner and apply to set text.
- Complete Component 2 exam in terms 3 and 4
- Live theatre trip to see performance for Section A of exam
- Revisit set text 1 in preparation for exam

Course structure

Component 1: devising (40%)

- Students devise an original piece of drama
- Written coursework portfolio (3500 words)
- Internally assessed practical exam and coursework

Component 2: text in performance (20%)

- Group performance to a live audience
- Performance of a monologue or a duologue to a live audience
- Externally assessed practical exam

Component 3: theatre-makers in practice (40%)

- Live theatre evaluation (Section A of exam: 1 essay)
- Study of a complete text – TBA (Section B of exam: 2 essays)
- Study of a complete text in the light of a practitioner, realisation of whole text (Section C of exam: 1 essay)
- Written examination of two hours thirty minutes

What do I need?

Five GCSE grades above level 5 (including grades 9-4 in English and Maths and a minimum of grade 5 in both GCSE Drama and English).

What career could I have?

- Acting (TV, Film, Stage and Radio)
- Directing and Producing
- Theatre/Arts Management
- Technical Design (Lighting/Sound/Set)
- Stage Management
- Media Production
- Teaching
- Drama Therapist
- Playwright/Screenwright

Who can I contact for more information?

Mrs K Tarrant
Subject Leader
ktarrant@fromecollege.org

Economics is all about the world around us. That world is constantly changing and economics gives us a range of tools and frameworks to help us understand and analyse those changes. It enables students to consider key economic decisions that are made by individuals, businesses and governments, and to examine the inter-connectionless of those decisions. Economics is a versatile subject and has links with many other subjects such as business, law, psychology, maths, sociology and politics. Economics is an excellent foundation for many careers and areas of further study and is viewed favourably by universities and employers.

A level assessment

The A level in Economics is structured into four themes, and consists of three externally examined papers. Students build knowledge and understanding of core economic models and concepts in themes one and two, and then build on this and apply their knowledge, to more complex concepts and models in themes three and four. Students will need to apply their knowledge and understanding to both familiar and unfamiliar contexts in the assessments and demonstrate an awareness of current economic events and policies.

Theme one: The operation of markets and market failure

This theme focuses on microeconomic concepts.

Theme two: The national economy in a global context

This theme focuses on macroeconomic concepts.

Theme three: Markets and market failure

This theme develops the microeconomic concepts introduced in theme one and focuses on business economics.

Theme four: National and international economy

This theme develops the macroeconomic concepts introduced in theme two and applies these concepts in a global context.

What do I need?

Five GCSE grades A*-C (including grades 6 or above in English and maths)

GCSE Economics would be advantageous but is not essential. If you have studied it at GCSE you should have achieved at least a grade 6.

What career could I have?

- Banking insurance, auditor
- Financial adviser
- Stockbroker
- Local government officer
- Statistician
- Accountancy
- Data scientist
- Policy officer
- Quantity surveyor

Who can I contact for more information?

Mrs N Rorke
Head of Business and
Economics
nrorke@fromecollege.org

The English department is proud of producing critical, creative and thoughtful students who combine their love of reading with a range of enriching extra-curricular opportunities that stretch and challenge their perception of language and literature.

A Level course structure

Component 1: Exploring non-fiction and spoken texts. One-hour exam (16%)

Focuses on an anthology of spoken and written texts from the 17th century to the modern day. In the exam students will compare one published text from the anthology with an unseen text. They will explore how the context of the text impacts how language is used.

Component 2: The language of poetry and plays. Two-hour exam (32%)

Students study a collection of poetry from a choice of six poets. In section A, they write an extended essay comparing one published poem to any other two from the collection. To prepare for section B students study a play text from a choice of six and in the exam will write an extended essay closely analysing how language shapes meaning in a published extract. A significant part of the student's analysis will be rooted in how the context of the text influences their understanding.

Component 3: Reading as a writer, writing as a reader. Two-hour exam (32%)

Focussing on narrative writing, students study the novel from a choice of six and write an extended essay in Section A analysing how the writer shapes meaning. In section B students write their own narrative, accompanied by a commentary that explores their creative choices.

Component 4: Analysing and producing texts. Independent study component (20%)

The independent study is a coursework component submitted in the spring term of 2022.

Task 1: A 2000 word comparative essay that compares a non-fiction set text (from a choice of 12) with a book of the student's own choice from any genre.

Task 2: A 1000 word piece of original non-fiction writing including an introduction that shows an understanding of the way in which the chosen genre reveals itself.

What do I need?

Five GCSE grades 9-4 (including grades 9-4 in Maths, at least one 6 and one 5 in either English Literature or English Language).

What career could I have?

- Law – Paralegal/Crown Prosecutor
- Advertising
- Teaching
- TV or film producer/actor
- Screenwriter
- Radio Broadcast Assistant
- Journalist (newspapers)
- Public Relations
- Advertising Copywriter
- Arts Administrator
- Commissioning Editor
- Digital Marketing Officer
- Librarian
- Speech and Language Therapist
- Vlogger

Who can I contact for more information?

Mrs S Wells
Second in English Faculty
swells@fromecollege.org

English Literature

GCE A Level / OCR

The English department is proud of producing critical, creative and thoughtful students who combine their love of reading with a range of enriching extra-curricular opportunities that stretch and challenge their perception of literature.

A Level course structure

Component 1: Shakespeare – drama and poetry pre-1900 (40%)

To prepare for section A students study a Shakespeare play from a choice of six set texts analysing the language, dramatic effects as well as critical reception over time.

Students compare a play text (from a choice of five) with a collection of poetry (from a choice of five) in section B. Analysing contextual influences of both writers is key to students demonstrating their knowledge. Their analysis is also underpinned by critical reception over time.

Component 2: Comparative and contextual study (40%)

In this synoptic unit students study on topic from a choice of five, and within that topic study at least two novels from a set list. In section A of the exam they apply this knowledge to an unseen passage, analysing how language,

structure and form contribute to their understanding of the topic. Literature or Dystopia.

In section B students compare the two set texts, They analyse how literature over time reflects the changing nature of society.

Component 3: Independent study (20%)

The independent study is a coursework component submitted in the spring term of 2022.

Task 1: A 2000 word comparative essay that compares two literary texts.

Task 2: A 1000 word close analysis of a literary text. The close analysis can either be an extended essay, or a piece of creative writing in the style of the writer, accompanied by a commentary that explores their creative choices.

The three texts must include one prose text, one poetry text and one drama text. The texts must have been first published or performed in 1900 or later. At least one of these texts must have been first published or performed in 2000 or later.

What do I need?

Five GCSE grades 9-4 (including grades 9-4 in Maths and 6 in English Literature and English Language).

What career could I have?

- Law – Paralegal/Crown Prosecutor
- Advertising
- Teaching
- TV or film producer/actor
- Screenwriter
- Radio Broadcast Assistant
- Journalist (newspapers)
- Public Relations
- Advertising Copywriter
- Arts Administrator
- Commissioning Editor
- Digital Marketing Officer
- Librarian
- Speech and Language Therapist
- Vlogger

Who can I contact for more information?

Mrs S Wells
Second in English Faculty
swells@fromecollege.org

Year 12 content

Terms 1 and 2

Technical principles

An introduction to the course which is mainly consolidating practical skills and using new equipment.

- 3.1.1 Materials and their applications
- 3.1.2 Performance characteristics of materials
- 3.1.3 Methods of joining and use of components
- 3.1.4 The use of finishes

Terms 3 and 4

- 3.1.5 Enhancement of materials
- 3.1.6 Modern industrial and commercial practice

Terms 5 and 6

Start of Major Project (NEA)

- 3.1.7 Digital design and manufacture
- 3.1.8 The requirements for textile and fashion design and development
- 3.1.9 Health and safety
- 3.1.10 Protecting designs and intellectual property
- 3.1.11 Design for manufacturing, maintenance, repair and disposal

Year 13 content

Terms 1 and 2

Focus upon NEA portfolio

- 3.1.12 Feasibility studies
- 3.1.13 Enterprise and marketing in the development of products
- 3.1.14 Design communication

Designing and making principles

- 3.2.1 Design methods and processes
- 3.2.2 Design theory
- 3.2.3 How technology and cultural changes can impact on the work of Designers
- 3.2.3.4 Product life cycle
- 3.2.4 Design processes

Terms 3 and 4

- 3.2.5 Critical analysis and evaluation
- 3.2.6 Selecting appropriate tools, equipment and processes
- 3.2.7 Accuracy in design and manufacture
- 3.2.8 Responsible design
- 3.2.9 Design for manufacture and project management
- 3.2.10 National and international standards in product design
- Completion of major project

Terms 5 and 6

Exam Revision and A Level Exams

The A Level qualification will be assessed at the end of the two years. Students will be expected to sit two written exams, a major project.

Technical Principles exam Paper 1

How it's assessed

- Written exam: 2.5 hours
- 120 marks
- 30% of A Level

Questions

Mixture of short answer and extended response.

Designing and making principles Paper 2

How it's assessed

- Written exam: 1.5 hours
- 80 marks
- 20% of A Level

Questions

Mixture of short answer and extended response questions.

Fashion and Textiles continues...

Fashion and Textiles continued...

Section A:

- Product Analysis: 30 marks
- Up to 6 short answer questions based on visual stimulus of product(s).

Section B:

- Commercial manufacture: 50 marks
- Mixture of short and extended response questions

Major Project

What's assessed

Practical application of technical principles, designing and making principles.

How it's assessed

- Substantial design and make project
- 100 marks
- 50% of A Level

Evidence

Written or digital design portfolio and photographic evidence of final prototype.

"Fashion is very important. It is life-enhancing and, like everything that gives pleasure, it is worth doing well." – Vivienne Westwood

What do I need?

Five GCSE grades 9-4 (including grades 9-4 in English and Maths, grade 5 in Technology or in an Art and Design subject)

What career could I have?

- Fashion design or buying
- Fashion promotion and journalism
- Surface Textiles
- Theatre/Film – set and costume

Who can I contact for more information?

Mrs McMunn
Subject Leader
emcmunn@fromecollege.org

Film Studies is the academic study of film and is designed to deepen students' understanding, appreciation and enjoyment of film - the major art form of the twentieth century. It is an interesting and challenging course which will develop students' written, analytical and creative skills.

At the root of all film studies is a recognition of how films are made. They are constructed using a range of elements – cinematography, mise-en-scène, sound, editing and performance (the key elements of film form) – which are organised structurally in terms of narrative and often genre.

How filmmakers use these elements - frequently in complex and highly artistic ways - is a large part of what constitutes the formal study of film. Equally important is how spectators respond to the work filmmakers create and how learners interpret the films with reference to spectator response, relevant contexts, critical approaches and debates. In turn, these formal studies have a direct impact on students' own work as filmmakers and screenwriters.

This course focuses on the analysis and deconstruction of film over a wide historical time frame:

- The Classical Hollywood period (1930-1960)
- The New Hollywood period (1961-1990)
- British film since 1995
- American film since 2005

This course involves studying a range of different films (14 in total). These are separated into set categories:

- American film
- British film
- Independent film
- Global film
- Documentary film
- Experimental film
- Silent Film
- Short Films

These films are analysed via a number of different study area frameworks, including film form, meaning and response, context, spectatorship, narrative, ideology, authorship, critical debates and theoretical debates.

Film Studies continues...

What do I need?

Five GCSEs 9-4 (including grades 9-5 in English and/or Media Studies).

What career could I have?

- Broadcast Presenter
- Film Director
- Film / Video Editor
- Location Manager
- Production Designer
- Programme Researcher
- Camera Operator
- Production Co-ordinator
- Arts Administrator
- Concept Artist
- Event Manager
- Marketing Executive
- Special Effects Technician
- VFX artist

Who can I contact for more information?

Mr A Schneider
Head of English
ASchneider@fromecollege.org

Need more information?

eduqas.co.uk/qualifications/film-studies-as-a-level

Film Studies continued...

Subject Content

2.1 Component 1 (Varieties of Film and Filmmaking)

Written examination: 2 hour 30 mins, 35% of qualification.

Section A: Hollywood 1930-1990 (40 marks)

Learners are required to study two films, one from each of the following categories:

- Classical Hollywood (1930 – 1960)
- New Hollywood (1961 – 1990)

Section B: American film since 2005 (40 marks)

Learners are required to study two films, one from each of the following categories:

- Mainstream American film
- Contemporary American independent film

Section C: British film since 1995 (40 marks)

Learners are required to study two films from the following category:

- British film since 1995

2.2 Component 2 (Global Filmmaking Perspectives)

Written examination: 2 hour 30 mins, 35% of qualification.

Section A: Global Film (40 marks)

Learners are required to study two films, one from each of the following categories:

- European film
- Outside Europe

Section B: Documentary Film (20 marks)

Learners are required to study one film from the following category:

- Documentary film

Section C: Film Movements - Silent Cinema (20 marks)

Learners are required to study one film from the following category:

- Silent Cinema

Section D: Film Movements – Experimental Film (20 marks)

Learners are required to study one film from the following category:

- Experimental film (1960-2000)

2.3 Component 3 (Production)

Non-exam assessment, 30% of qualification.

Production Options (40 marks)

- Option 1: Short Film (4 - 5 minutes)
- Option 2: Screenplay for a short film words) (1600-1800 words)

Evaluative Analysis (20 marks)

- Written Evaluation (1600 – 1800 words)

Year 12 content

You will explore a range of techniques and processes such as screen printing, painting, sculpture, printmaking to develop a portfolio of work, using a broad starting point.

Drawing and mark-making is a key focus of this unit – and throughout A Level art. Students respond to a number of artists and other influences to form their own ideas to develop this portfolio of work and to conclude the project through personal outcomes. A Year 12 Mock Unit will take place after February.

Year 13 content

Component 1 - Coursework (60%)

Personal project: Students are expected to generate their own ideas and themes to create a highly personal project worth 60% of their final grade. The work also focuses on preparing art college applicants' portfolios to cater for the needs of students. The work is accompanied by a 1500-3000-word essay to justify the project.

Component 2 - Exam (40%)

This exam follows a similar format to the Year 12 mock. It culminates in a 15-hour controlled test in which students create and complete a final outcome at the end of the exam period.

What do I need?

Five GCSEs grades 9-4 including grades 9-4 in English and Maths and grade 5 or above in Art and/or Photography due to the demand for drawing skills.

What career could I have?

- Graphic Designer
- Interior Designer
- Illustrator
- Fine Art
- Beautician
- Media
- Fashion Stylist
- Florist
- Architect
- Model maker for film
- Gallery Curator
- Animator
- Silversmith
- Art historian
- Art Teacher
- Art Director

Who can I contact for more information?

Miss E Knibbs
Subject Leader

EKnibbs@fromecollege.org

Year 12 content

Terms 1, 2 and 3

Unit 1: Meeting Nutritional Needs of Specific Groups

The purpose of this unit is for learners to develop an understanding of the nutritional needs of specific target groups and plan and cook complex dishes to meet their nutritional needs.

Through this unit, you will gain an understanding of how to identify hazards and minimise risks when producing food to meet the nutritional needs of specific groups. You will learn about different types of nutrients and how those are used by the body to ensure you can plan a balanced nutritious diet. You will develop skills for preparing, cooking and presenting nutritious dishes that meet specific needs.

Terms 4 and 5

Unit 2: Ensuring Food is Safe to Eat

You will develop an understanding of hazards and risks in relation to the storage, preparation and cooking of food in different environments and the control measures needed to minimise these risks. From this understanding, you will be able to recommend the control measures that

need to be in place, in different environments to ensure that food is safe to eat.

In this unit you will learn about food safety, how micro-organisms can affect food safety, how some foods can cause ill health in people that have intolerances or allergies and what controls need to be in place to minimise the risks of food causing ill health. This understanding will allow you to recommend the safety controls that should be in place in different environments where food is stored, prepared and cooked.

Terms 6

Unit 3: Experimenting to Solve Food Production Problems

The aim of this unit is for you to use your understanding of the properties of food in order to plan and carry out experiments. The results of the experiments would be used to propose options to solve food production problems.

This unit will provide you with an understanding of the scientific properties of food and how these properties contribute to the changes that occur in food. You will also draw on your learning from Units 1 and 2.

You will use this learning to plan and carry out experiments with different types of food. By carrying out these experiments, you will be able to propose options to solve food production problems.

Year 13 content

Terms 1 and 2

Unit 3: Experimenting to Solve Food Production Problems (continued)

Terms 3 and 4

Unit 4: Current issues in Food Science and Nutrition

Through this unit, you will develop the skills needed to plan, carry out and present a research project on current issues linked to issues related to food science and nutrition. This could be from the perspective of a consumer, food manufacturer, caterer and/or policy making perspective.

Through this unit you will have the opportunity to build on prior learning from Unit 1:

Food Science and Nutrition continues...

Food Science and Nutrition continued...

Meeting Nutritional Needs of Specific Groups and Unit 2: Ensuring Food is Safe to Eat and develop knowledge and understanding of issues that are currently affecting food choice and food availability. Through individual and group projects, you will learn about how key stakeholders within the food industry are responding to changes in food related habits. The projects will also help you to develop the skills needed to effectively plan and carry out an individual research project.

The Level 3 qualification will be assessed at key points throughout the two years. Students will be expected to sit two written exams and complete 2 other pieces of extended written coursework.

Unit 1: Meeting Nutritional Needs of Specific Groups

How it's assessed

- 90 minute examination; plus 15 minutes reading time
- Total of 90 marks

Three sections on each paper

- Section A is short answer questions
- Section B is extended answer questions
- Section C relates to a case study

Unit 2: Ensuring Food is Safe to Eat

How it's assessed

- It is an eight hour timed, supervised assessment

The following units are internally assessed:

- Unit 1: Meeting Nutritional Needs of Specific Groups. This unit is also externally assessed.
- Unit 3: Experimenting to Solve Food Production Problems
- Unit 4: Current issues in Food Science and Nutrition

"No-one is born a great cook, one learns by doing" - Julia Child

What do I need?

Five GCSE grades 9-4 (including grades 9-4 in English and Maths, grade 5 in Technology or in an Art and Design subject).

What career could I have?

- Food and drink including bakery, dairy, butchery
- Food Technologist
- Hospitality Catering, e.g. chef, sous/pastry chef
- Hospitality Management
- Food Manufacturing and Processing, e.g. production manager, new product development technologist
- Aeroplane meal development/production
- Nutritional Therapist
- Product/Process Development Scientist
- Quality Manager

Who can I contact for more information?

Mrs E McMunn
Subject Leader
emcmunn@fromecollege.org

Year 12 content

Topic 1 – Hazards

- The impacts of volcanic eruptions
- How countries mitigate hazards
- Managing earthquakes and tsunamis
- The impacts of tropical
- The Alberta wildfire

Topic 2 – Glaciated systems and landscapes

- The characteristics of cold environments
- How glaciers create erosional and depositional landforms
- What are periglacial areas like?
- The effects of climate change

Topic 3 – Changing places

- What makes a place unique?
- Which factors contribute to making a place different to another?
- How do our relationships and connections affect the way we view a place?
- How do people attempt to influence our perception of a place?

Topic 4 – Contemporary urban environments

- How do urban areas grow and change over time?
- Megacities
- How do urban areas affect the climate?
- How can we make urban areas more sustainable?

Year 13 content

Topic 1 – Water and carbon cycles

- Water and carbon cycles
- Drainage basins
- Flood risk
- Factors affecting the stores of carbon around the world
- Global climate

Topic 2 – Global systems and governance

- What is globalisation?
- What are the causes of inequalities and conflicts around the world?
- How are global trade and Transnational Corporations changing our world?
- What is the 'Global Commons'? How does it protect Antarctica?

Topic 3 – Enquiry project

Students complete an individual investigation (3000-4000 words) to include data collected in the field during our multi-day fieldtrip.

What do I need?

Five GCSE grades 9-4 (including grades 9-4 in English and Maths and a minimum grade 6 in Geography).

What career could I have?

- Cartographer
- Commercial / Residential Surveyor
- Environmental Consultant
- Geographical Information Systems Officer
- Planning and Development Surveyor
- Teacher/ Lecturer
- Town / Transport Planner
- International Aid
- Landscape Architect
- Logistics and Distribution
- Nature Conservation
- Sustainability Consultant
- Tourism Officer

Who can I contact for more information?

Mr J Haines
Subject Leader
jhaines@fromecollege.org

Year 12 content

You will work to a live brief, different each year, producing graphic designs for selection and use by a local organisation or production. Past live briefs include: posters, tickets, programmes, projections for theatre performances. You will have regular meetings with your client and tutorials with your teachers as you develop your ideas. You will learn the principles of typography and graphic design techniques, Photoshop, a wide selection of 2D image-making media and techniques; analysing the methods and working practices of a range of graphic designers and artists.

At the beginning of February, you will select a design brief and spend the spring term researching and developing your own design proposals and analysing the work of relevant artists and designers.

Year 13 content

Component 1 - Coursework (60%)

Personal project: advanced graphic design techniques. Students are expected to generate their own live brief exploring a specialization their choice. Previous projects include: corporate idents, typography, layout and production design for advertisements, brochures, magazines and packaging. The emphasis is on building advanced skills in design and layout, particularly in using Photoshop and Illustrator in conjunction with traditional techniques.

Component 2 - Exam (40%)

This exam follows a similar format to the AS Level. It culminates in a 15 hour long controlled test, in which you create and present the designs to meet the brief you selected.

What do I need?

Five GCSE grades 9-4 (including grades 9-4 in English and Maths, a minimum grade 5 in Art, Photography, Product Design, Textiles or Media. We may consider students who have achieved a grade 4; You will need a digital camera, plus art and ICT skills (90% of this course involves the use of computers).

What career could I have?

- Advertising/marketing
- Art editor/director
- Computer games developer
- Fashion/costume designer
- Graphic designer
- Illustrator
- Media researcher
- Photographer
- Software developer
- Web/UX designer

Who can I contact for more information?

Miss E Knibbs
Subject Leader
EKnibbs@fromecollege.org

The Health and Social Care course has been designed to be a vocational course. The course covers a range of units and will allow you the opportunity to develop your skills and broaden your knowledge within this subject. The BTEC is a work-related course, but when you have finished the course you can use the qualification to help get a job straight away or go into further or higher education, in the same way as your other A Levels will help you. You will study four units for your Health and Social Care course.

You will gain UCAS points in the same way as you will for A Levels. You will study four units of work overall during the course. These are made up of:

Externally assessed units:

- Unit 1: Human Lifespan Development (Year 12)
- Unit 2: Working in Health and Social Care (Year 13)

Internally assessed units:

- Unit 5: Meeting Individual Care and Support Needs (Year 13)
- Unit 11: Psychological Perspectives (Year 12)

These units will be taught over the two years of the qualification. This BTEC qualification will be assessed through two written exams for Unit 1 which will take place in Year 12 and for Unit 2 which will take place in Year 13. You will also be expected to complete written assignments that will be set for the two remaining units.

This BTEC course is a modular course and allows you to study particular areas of interest in more detail through specialist units. To pass a particular course (and gain the qualification), you must have completed and passed all grading criteria within each unit you study.

What do I need?

Five GCSE grades 9-4 (including 9-4 in Maths and English).

What career could I have?

- Health Service
- Medical Sales Representative
- Adult Nurse
- NHS worker administrative or working with patients
- Counsellor
- Dental Hygienist
- Occupational Therapist
- Personal Trainer
- Social Worker
- Care Worker

Who can I contact for more information?

Mrs K Hyde
Head of Psychology & Care
KH Hyde@fromecollege.org

Content and assessment

Component 1:

British study and enquiry (25%)

The early Stuarts and the Civil War, 1603–1660

Topics include the Gunpowder Plot, the English Civil War and Oliver Cromwell.

Exam

Written exam of one hour and thirty minutes.

Component 2:

Non-British period study (15%)

Democracy and dictatorships in Germany, 1919–1963

Topics include Weimar Germany, the Nazis and Germany in the Cold War.

Exam

Written exam of one hour.

Component 3:

Thematic study and historical interpretations (40%)

Civil Rights in the USA, 1865-1992.

Topics include the fight for equality for African Americans, Native Americans, Women and Workers.

Exam

Written exam of two hours and thirty minutes

Component 4:

Topic-based essay choices.

- Did the Nazis rely on terror or popularity?
- To what extent did the Nazis face serious opposition?
- Did the Nazi regime enjoy widespread popularity?
- Did the German people consent to the Nazis because of popular policies?

Coursework (20%)

3,000 to 4,000 words.

In A Level History, all examinations are taken at the end of Year 13.

What do I need?

Five GCSE grades 9-4 (including grades 9-4 in English and Maths. GCSE History would be advantageous but is not essential. If you studied it at GCSE you should have achieved at least a grade 6).

What career could I have?

- Heritage Manager, Historic buildings/conservation inspector
- Museum or Gallery Curator
- Teacher/Lecturer
- Archaeologist/Archivist
- Broadcast Journalist
- Civil Service Administrator
- Law: Solicitor/Barrister/Paralegal

Who can I contact for more information?

Mr K King
Head of History
KKing@fromecollege.org

Cambridge Technicals use a combination of assessment styles to give students the confidence to apply their knowledge successfully in the workplace and have the study skills necessary for higher education course with a focus on application development and cyber security.

Course structure

There are five units to be studied across the two years. (GLH = Guided Learning Hours).

Unit 1 – Fundamentals of IT

90 GLH. Externally examined.

Information learnt in this unit will provide a solid foundation in the fundamentals of hardware, networks, software, the ethical use of computers and how business uses IT. After completing this unit, the knowledge, skills and understanding you have developed will underpin your study for the additional units.

Unit 2 – Global Information

90 GLH. Externally examined.

The purpose of this unit is to demonstrate the uses of information in the public domain, globally, in the cloud and across the internet, by individuals and organisations. You will discover that good management of both data and information is essential, and that it can give any

organisation a competitive edge.

Unit 3 – Cyber Security

60 GLH. Externally examined.

This unit has been designed to enable you to gain knowledge and understanding of the range of threats, vulnerabilities and risks that impact on both individuals and organisations.

Unit 6 – Application Design

60 GLH. Internally assessed.

In this unit you will explore potential ideas for a new application and develop the fundamental design for it. You will then develop the designs for an application and how users will interact with it. The application that you design can be for any sector and for any purpose. You will have the opportunity to present your ideas, prototype them, and gain feedback before refining your design.

Unit 15- Product Development

60 GLH. Internally assessed.

The purpose of this unit is to prepare you to undertake product development activities. You will learn about different product design methodologies and the role of the product development life cycle. In addition, you will discover the factors that influence product developments.

What do I need?

Grade 5 and above in both English and Maths. Three other GCSEs at grade 4 and above.

What career could I have?

- Cyber Security
- Data Analyst
- Data Scientist
- Database Administrator
- Information Systems Manager
- IT Consultant
- IT Technical Support
- Software Engineer
- Systems Analyst
- Network Engineer
- IT Sales Professional
- Web Content Manager

Who can I contact for more information?

Dr. Ruggiero
Subject Leader
Dana.Ruggiero@fromecollege.org

Mathematical Studies (Core Maths)

Level 3 Certificate / AQA

Level 3 Mathematical Studies (Core Maths) is a new qualification designed for students who have achieved a grade 5 or above at GCSE, who would benefit from continuing to study Maths, but who won't necessarily continue onto a Maths/Science or Engineering Degree.

Why should I study Core Maths?

Core Maths has been designed to maintain and develop real life maths skills. What you study is not purely theoretical or abstract; it can be applied on a day-to-day basis in work, study or life and most courses will include a financial maths element. It will also help with other A Level subjects – in particular with Science, Geography, Business Studies, Psychology and Economics.

The skills developed in the study of mathematics are increasingly important in the workplace and in higher education; studying Core Maths will help you keep up these essential skills. Most students who study Maths after GCSE improve their career choices and increase their earning potential.

Assessment

This course is a one-year linear course. Linear means that all assessment is at the end of the course.

Paper 1 – Compulsory Units

Written exam (1 hour 30 minutes)

- Analysis of Data
- Maths for Personal Finance
- Estimation

Paper 2 – Statistical Techniques

- Critical Data Analysis
- The Normal Distribution
- Probabilities and Estimation
- Correlation and Regression

For those wishing to go to university

Core Maths should be taken as a fourth subject, alongside three other full A Level subjects. It counts as an AS qualification for UCAS applications.

What do I need?

5 GCSE grades 9-4 including Maths at grade 5.

What career could I have?

- Accountant
- Air Traffic Controller
- Cryptologist
- Dispensing Optician
- Electrical Engineer
- Environmental Specialist
- Financial Analyst
- Forensic Scientist
- Insurance Claims Handler
- Naval Architect
- Mechanical Engineer
- Meteorologist
- Medical Researcher
- Stockbroker
- Web Developer

Who can I contact for more information?

Mr R and Mrs J Cole
Heads of Maths
rcole@fromecollege.org
jcole@fromecollege.org

This is a two-year modular linear course. The modules have an early emphasis on topics which develop and extend ideas from GCSE to GCE Level. We track students with ongoing topic assessments and Pure and Applied summative assessments to ensure they are prepared to tackle exam-style questions. Students need to have a grade 7 or above at GCSE Maths to study this course.

This qualification is assessed in three exam papers, each lasting two hours and worth 33.3% of the overall mark.

There is a lot of content to cover in this course and therefore students need to be prepared to complete 1-2 hours' worth of homework after EVERY lesson. Students need to be prepared to work consistently hard and in an independent manner if they wish to be successful on this course.

You will be taught and assessed on:

Component 1: Pure Mathematics (66%)

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

Component 2: Statistics and Mechanics (33%)

- Statistical sampling
- Data presentation and interpretation
- Probability
- Statistical distributions
- Statistical hypothesis testing
- Quantities and units in mechanics
- Kinematics
- Forces and Newton's laws
- Moments

What do I need?

Five GCSE grades 9-4 (including grade 4 in English, grade 7 in Maths (or 6 with recommendation from your GCSE teacher).

What career could I have?

- Accountant
- Air Traffic Controller
- Cryptologist
- Dispensing Optician
- Electrical Engineer
- Environmental Specialist
- Financial Analyst
- Forensic Scientist
- Insurance Claims Handler
- Naval Architect
- Mechanical Engineer
- Meteorologist
- Medical Researcher
- Stockbroker
- Web Developer

Who can I contact for more information?

Mr R and Mrs J Cole
Heads of Maths
rcole@fromecollege.org
jcole@fromecollege.org

Maths (Further)

GCE A Level / Edexcel

Students take the two mandatory units and any two of the optional units to be awarded an A Level in Further Mathematics. The optional units followed are decided by the class and the teacher together. Students need a grade 8 or above to study this course.

The Overarching Themes (extreme algebra) must be applied along with associated mathematical thinking and understanding, across the whole of the subject content.

Mandatory units

Pure Core (Y540 and Y541)

In Pure Core learners will extend and deepen their knowledge of proof, algebra, functions, calculus, vectors and differential equations studied in A Level Mathematics. They will also broaden their knowledge into other areas of pure mathematics such as complex numbers, matrices, polar co-ordinates and hyperbolic functions.

These underpin the further study of mathematics and other numerate subjects.

Each of these two units will be assessed with a 90 minute exam worth 25% of your final mark.

Optional units

(Y542, Y543, Y544 and Y545)

Learners will study any two areas chosen from Statistics, Mechanics, Decision Mathematics and Additional Pure Mathematics. These units assess the relevant content area and all of the Overarching Themes.

Each of these two units will be assessed with a 90 minute exam worth 25% of your final mark.

What do I need?

Five GCSE grades 9-4 (including grade 4 in English, grade 8 in Maths).

What career could I have?

- Accountant
- Air Traffic Controller
- Cryptologist
- Dispensing Optician
- Electrical Engineer
- Environmental Specialist
- Financial Analyst
- Forensic Scientist
- Insurance Claims Handler
- Naval Architect
- Mechanical Engineer
- Meteorologist
- Medical Researcher
- Stockbroker
- Web Developer

Who can I contact for more information?

Mr R and Mrs J Cole
Heads of Maths
rcole@fromecollege.org
jcole@fromecollege.org

The Media department has an outstanding reputation for producing well-rounded, engaged and insightful students who go on to become successful in some of the UK's largest media companies.

Year 12 content

Terms 1 and 2

- Introduction to Media
- Component 1 Section A: Analysing Media Language and Representation: advertising, marketing, music videos, newspapers
- Component 1 Section B: Understanding Media Industries and Audiences

Terms 3 and 4

- Component 2 Section A: Television in the Global Age
- Component 1 Section A: Analysing Media Language and Representation: Video games

Terms 5 and 6

- Component 2 Section A: Magazines: Mainstream and Alternative Media
- Component 3: Cross-Media Production – start of coursework

Year 13 content

Terms 1 and 2

- Component 3: Cross-Media Production – completion of coursework
- Component 2: Section C – Media in the Online Age

Terms 3 and 4

- Revision of exam set texts – Component 1
- Revision of exam set texts – Component 2

Terms 5 and 6

- Targeted exam revision – Component 1 and 2
- Component 3: Cross-Media Production – submission of coursework

What do I need?

Five GCSE grades 9-4 (including grades 9-4 in English and Maths).

What career could I have?

- Media Industry
- Multimedia Specialist
- Public Relations Officer
- Broadcasting: film/video/runner
- Social Media Manager
- Television/film; Director, Programme Researcher
- Web Content Manager
- Advertising
- Journalist; Broadcast or Magazine/Editorial Assistant
- Event Manager
- Market Researcher
- Writer

Who can I contact for more information?

Mr A Schneider
Subject Leader
ASchneider@fromecollege.org

Year 12

Terms 1 and 2

Topics covered include: how mics work, the channel strip, close-mic recording, listening skills, and sequencing basics. Students also study the development of popular music from the viewpoint of recording and production techniques.

Terms 3 and 4

How to use EQ, principles of compression, adding and controlling FX, making MIDI sequences musical. You start recording your close-mic task and ensure you have the skills to operate as sound engineer for this task. In addition to the audio recording focus you will also delve into more advanced MIDI applications in preparation for the composition task.

Terms 5 and 6

Review of recording, MIDI and production skills. Mixing and mastering is a main focus for the term as is developing ideas for the composition. You will also develop an understanding of samplers and synthesis.

Year 13

Terms 1 and 2

The recording component must be coming to a conclusion and you will also be starting the composition. At this point the Producing and Analysing exam comes into clearer focus with much of last year's teaching feeding into this. You will learn how to use production techniques for corrective and enhancing reasons.

Assessment

There are four components:

Component 1 - Recording (20% of final grade)

Component 2 - Technology-based composition (20% of final grade)

Component 3 - Listening and analysing (25% of final grade)

Component 4 - Producing and analysing (35% of final grade)

What do I need?

Five GCSE grades 9-4 (including grades 9-4 in English and Maths. A genuine interest in Music Technology, the ability to read treble clef notation, a good musical ear, basic keyboard ability and Grade 4 or above in GCSE Music preferred).

What career could I have?

- Musician
- Music Teacher/Therapist
- Sound Technician; broadcasting/film/radio
- Arts Administrator
- Event Manager
- Theatre Stage Manager

Who can I contact for more information?

Mr J Hampson
Subject Lead of Music
JHampson@fromecollege.org

Year 12 content

You will explore a range of photographic techniques and processes to develop a portfolio of work, using a broad starting point. Use and control of good lighting and composition is a key focus of this unit – and throughout A Level photography. Students respond to a number of photographers and other influences to form their own ideas to develop this portfolio of work and to conclude the project through personal outcomes. Work produced in Year 12 will be used to support your overall A Level outcome.

At the beginning of February, you will select a starting point from the questions available and complete a portfolio of work by the end of April – including a final outcome.

Year 13 content

Coursework – Personal project (60%)

Students are expected to generate their own ideas and themes to create a highly personal project. The work also focuses on preparing portfolios to cater for the needs of students applying for higher education or professionally. The work is accompanied by a 1,500 – 3,000 word essay to justify the project.

Exam (40%)

A 15-hour controlled test in which students create and complete a final outcome at the end of the exam period.

What do I need?

Five GCSE grades 9-4 (including grades 9-4 in English and Maths). Students will require a camera.

What career could I have?

- Graphic Designer
- Magazine Features Editor
- Photographer (press, editorial, photojournalist)
- Printer
- Television Camera Operator
- Advertising
- Digital Marketer
- Film - Director/Editor
- Media Planner
- Multimedia Specialist
- Visual Merchandiser
- Web Content Manager
- Web Designer

Who can I contact for more information?

Miss E Knibbs
Subject Leader
EKnibbs@fromecollege.org

A Level course structure

Physics A Level is one of the most universally accepted qualifications for progression onto university. The course content covers the basis of how things work, from the constituent parts of atoms out to the extent of the universe. You will learn to apply your knowledge of the key concepts to solve problems in a range of different contexts and applications. The emphasis throughout the course is on developing knowledge, competence and confidence when working practically and problem solving. These are vital skills that any future employer or further education establishment will look for.

Year 12 content

- Development of practical skills in physics
- Physical quantities and units
- Making measurements and analysing data
- Nature of quantities
- Forces and motion
- Work, energy and power
- Materials
- Momentum
- Charge and current
- Energy, power and resistance
- Electrical circuits
- Waves

Year 13 content

- Development of practical skills in physics
- Thermal physics
- Circular motion
- Oscillations
- Gravitational fields
- Astrophysics and cosmology
- Capacitors and Electric fields
- Electromagnetism
- Nuclear and particle physics
- Medical imaging

Practical work

There are numerous opportunities to use practical experiences to link theory to reality and equip students with the essential practical skills they need and will be written up in lab books.

Assessments

There are three exams at the end of the two years for A Level, all of which are 2 hours 15 mins long. Practical skills will be tested in the exams and students will also be awarded a pass on their certificate for the Practical Endorsement if they are able to demonstrate full competency in the required practical skills to their teacher.

What do I need?

The mathematical content of the A Level Physics course is very demanding and therefore it is strongly recommended that students take Physics in combination with A Level Mathematics.

Five GCSE grades 9-4 (including grade 5 English, grade 6 Maths). Grade 6-6 in combined science or a grade 6 in triple science physics.

What career could I have?

- Aerospace Engineer
- Astronomer
- Building Services Engineer
- Engineer (civil, electronics, energy etc)
- Geoscientist
- Physicist

Who can I contact for more information?

Ms R Childs
Head of Science
rchilds@fromecollege.org

Politics is a fascinating subject that will help you understand the world you live in. The course has three broad themes. Firstly, the Politics of Britain and America (e.g. pressure groups, elections, voting behaviour). Secondly, the government of Britain and America (e.g. the role of Presidents and Prime Ministers). Finally, you will study some key political ideologies, e.g. Socialism, Conservatism and Feminism. An interest in current affairs is crucial to succeed in this subject, for example you should be following the US Presidential election, the government response to Covid-19 and the ongoing Brexit negotiations.

Year 12 Content

Unit 1: UK Politics: Political participation and core Political ideas

e.g. voter behaviour, the role of pressure groups and the three core ideologies – Conservatism, Socialism and Liberalism.

Unit 2: UK Government and non-core Political ideas

e.g. The role of the prime minister, judicial review and feminism.

Year 13 Content

Unit 3: US Government and Politics

e.g. voter behaviour, the electoral college and the role of the Supreme Court.

You will also tackle comparative questions that get you to compare British and American government and politics

How is it assessed?

Three exams at the end of Year 13

What does Politics combine well with?

Recommended combinations include History, Sociology, Criminology and English.

What do I need?

Five GCSEs 9-4 (including at least grade 5 in English)

What career could I have?

- Journalism
- Politics
- Local or national government
- Working for a pressure group

Who can I contact for more information?

Mr R Hood
Head of Sixth Form
rhood@fromecollege.org

You can find the full specification here: <https://tinyurl.com/pearson-politics>

Year 12 content

Terms 1 and 2

Technical principles

- 3.1.1 Materials and their applications
- 3.1.2 Performance characteristics of materials
- 3.1.3 Enhancement of materials
- 3.1.4 Forming, redistribution and addition processes

Terms 3 and 4

- 3.1.4.4 The use of adhesives and fixings
- 3.1.5 The use of finishes
- 3.1.6 Modern industrial and commercial practice
- 3.1.6.2 Efficient use of materials

Terms 5 and 6

Start of Major Project

- 3.1.7 Digital design and manufacture
- 3.1.8 The requirements for product design and development
- 3.1.10 Protecting designs and intellectual property
- 3.1.11 Design for manufacturing, maintenance, repair and disposal

Mock exam - Design and making principles
Paper 2

Year 13 content

Terms 1 and 2

- 3.1.12 Feasibility studies
- 3.1.13 Enterprise and marketing in the development of products
- 3.1.14 Design communication

Designing and making principles

- 3.2.1 Design methods and processes
- 3.2.2 Design theory
- 3.2.3 How technology and cultural changes can impact on the work of designers
- 3.2.3.4 Product life cycle
- 3.2.4 Design processes

Terms 3 and 4

- 3.2.5 Critical analysis and evaluation
- 3.2.6 Selecting appropriate tools, equipment and processes
- 3.2.7 Accuracy in design and manufacture
- 3.2.8 Responsible design
- 3.2.9 Design for manufacture and project management
- 3.2.10 National and international standards in product design
- Completion of major project

Terms 5 and 6

Exam Revision and A Level Exams

The A Level qualification will be assessed at the end of the two years. Students will be expected to sit two written exams, a major project.

Technical Principles exam Paper 1

How it's assessed

- Written exam: 2.5 hours
- 120 marks
- 30% of A Level

Questions

Mixture of short answer and extended response.

Designing and making principles Paper 2

How it's assessed

- Written exam: 1.5 hours
- 80 marks
- 20% of A Level

Questions

Mixture of short answer and extended response questions.

Product Design continues...

Product Design continued...

Section A:

- Product Analysis: 30 marks
- Up to 6 short answer questions based on visual stimulus of product(s).

Section B:

- Commercial manufacture: 50 marks
- Mixture of short and extended response questions

Major Project

What's assessed

Practical application of technical principles, designing and making principles.

How it's assessed

- Substantial design and make project
- 100 marks
- 50% of A Level

Evidence

Written or digital design portfolio and photographic evidence of final prototype.

"Design is not just what it looks like and feels like. Design is how it works" - Steve Jobs

What do I need?

Five GCSE grades 9-4 (including grades 9-4 in English and Maths, grade 5 in Technology or in an Art and Design subject).

What career could I have?

- Product designer
- Interior designer
- Engineer
- Design industry
- Construction industry

Who can I contact for more information?

Mrs E McMunn
Subject Leader
emcmunn@fromecollege.org

Sociology

GCE A Level / AQA

Paper 1: Education with theory and methods *2 hour exam (33.3%)*

- The role and function of the education system
- Differences in attainment (class, gender and ethnicity)
- Relationships and processes within schools
- Educational policy
- Researching education

Paper 2: Topics in Sociology (Families and Households). 2 hour exam (33.3%)

- Families and the relationship to society
- Changing family patterns
- Couples; the division of domestic labour
- Demography

Beliefs in Society

- Ideology, science and religion
- Social change and religious beliefs
- Religious organisations (sects, cults and denominations)
- Secularisation in the global world

Paper 3: Crime and Deviance with theory and methods. 2 hour exam (33.3%)

- Crime and social control
- Crime and social class, gender and ethnicity
- The media and crime
- Crime control; prevention and punishment

What do I need?

Level 5 at GCSE Sociology and above or level 6 at English language GCSE.

What career could I have?

- Charity/Community Worker
- International Aid
- Social Services/Youth and Family Support Worker
- Civil Service Administrator/Local Government
- Housing Manager/Officer
- Human Resources Officer
- Life Coach
- Journalist
- Police/Probation or Prison Officer

Who can I contact for more information?

Mr J Randall
Subject Leader
JRandall@fromecollege.org

This is an academic A Level with a high essay-writing component. Ideally you will be thinking of university.

Year 12 content

Terms 1 and 2: *Aspects of Spanish-speaking society*

We will look at the changing nature of the family; the 'cyber society'; the place of voluntary work. There will be a focus on grammar and a selection of films and songs.

Terms 3 and 4: *Artistic culture in the Spanish-speaking world*

We will focus on contemporary hispanophone music; cinema and the cultural heritage of Spanish-speaking countries. Once again, there will be a focus on grammar and a selection of films and songs.

Terms 5 and 6:

Film

We will focus on studying the chosen film as part of the cultural element of the course.

Aspects of Spanish-speaking society

We will look at the positive features of a diverse society, life for the marginalised and the treatment of criminals.

Year 13 content

Terms 1 and 2: *Aspects of political life in the Spanish-speaking world*

We will cover the rights of teenagers, the right to vote and political commitment; demonstrations,

strikes – who holds the power? Politics, immigration and grammar.

Terms 3 and 4

We will focus on studying the text as part of the cultural element of the course. There will also be extra preparation for the speaking exam. During terms 1 to 4 you will also be able to research and prepare your individual project for the speaking assessment.

Terms 5 and 6

Exam focus and topic review.

Exams

There are three exams at A Level:

- Reading and responding to a variety of texts based on the topics covered (2 hours 30 mins - 50%)
- A written exam based on one text or one film studied, plus a translation into Spanish (2 hours - 20%)
- A speaking test of 21-23 minutes discussing one of the sub-themes, a presentation of your research project and a discussion based on this (30%)

What do I need?

Five GCSE grades 9-4 (including grades 9-4 in English and Maths and a minimum grade 6 in Spanish).

What career could I have?

- Interpreter/Translator
- Logistics or Distribution Manager
- Travel Agent/Tour Representative
- Working abroad in any industry
- Broadcast Journalist
- Diplomatic Service
- Teacher/Lecturer
- Teacher - English as a foreign language
- International Aid

Who can I contact for more information?

Mr W Owsley
Head of International and Enterprise
William.Owsley@fromecollege.org

For more information on these courses visit www.aqa.org.uk

Sport and Physical Activity (TEC)

Level 3 Cambridge Technical Extended Certificate
/ OCR (equivalent to one A Level)

This course provides students with applied learning to develop core specialist knowledge, skills and understanding required in the sport and physical activity sector. Students study three mandatory units and must choose optional units totalling a *minimum* 360 GLH (Guided learning Hours).

Mandatory units

Unit 1 - Body systems and the effects of physical activity

Externally assessed. 90 GLH.

Unit 2 - Sports coaching and activity leadership

Internally assessed. 90 GLH.

Unit 3 - Sports organisation and development

Externally assessed. 60 GLH.

Optional units

Unit 17 - Sports injuries and rehabilitation

Internally assessed. 60 GLH.

Unit 18 - Practical skills in sport and physical activities

Internally assessed. 60 GLH.

What do I need?

Five GCSE grades 9-4 (including grades 9-4 in English and Maths with a minimum of a merit in Level 2 BTEC Sport).

What career could I have?

- PE Teacher
- Sports Coach
- Travel and Tourism
- Leisure Industry
- Personal Trainer
- Outdoor sports instructor - coasteering/climbing/mountaineering
- Uniformed Public Services; Army, Navy
- Sports Massage
- Physiotherapist

Who can I contact for more information?

Mr M Howlett
Head of Physical Education
and Sports
mhowlett@fromecollege.org

Sport and Physical Activity (TD)

Level 3 Cambridge Technical Diploma / OCR
(equivalent to two A Levels)

This course has twelve units, three of which are externally assessed. This course further develops students' skills by completing a wide range of units. Students will study units totalling a *minimum* of 720 guided learning hours (GLH).

Sports Coaching

Unit 1 - Body systems and the effects of physical activity

Externally assessed.

Unit 2 - Sports coaching and activity leadership

Internally assessed.

Unit 3 - Sports organisation and development

Externally assessed.

Unit 4 - Working safely in sport, exercise, health and leisure

Externally assessed.

Unit 5 - Performance analysis in sport and exercise

Internally assessed.

Unit 8 - Organisation of sports events

Internally assessed.

Unit 11 - Physical activity for specific groups

Internally assessed.

Unit 13 - Health and fitness testing for sport and exercise

Internally assessed.

Unit 17 - Sports injuries and rehabilitation

Internally assessed.

Unit 18 - Practical skills in sport and physical activities

Internally assessed.

Unit 19 - Sport and exercise psychology

Internally assessed.

What do I need?

Five GCSE grades 9-4 (including grades 9-4 in English and Maths with a minimum of a merit in Level 2 BTEC Sport).

What career could I have?

- PE Teacher
- Sports Coach
- Travel and Tourism
- Leisure Industry
- Personal Trainer
- Outdoor sports instructor; coasteering/climbing/mountaineering
- Uniformed Public Services; Army, Navy
- Sports Massage
- Physiotherapist

Who can I contact for more information?

Mr M Howlett
Head of Physical Education
and Sports
mhowlett@fromecollege.org

World of Work

BTEC Level 2 Work Skills

This programme is designed to allow students to gain experience in the workplace, improve their employability skills and enhance their English and Maths qualifications.

Students will spend two days each week in College completing a Work Skills Level 2 BTEC which is largely computer based. They also attend lessons in Maths and English as relevant. Students receive support to complete a strong CV and gain interview skills.

Work placements will be up to three days per week, during term time only, between November and May, to enable students to fully immerse themselves in the world of work. Students are expected to complete a minimum of 250 work placement hours. We have excellent links with local employers and aim to secure a placement in the area the student wishes to pursue as a career.

The students improve their Maths and English qualifications, increase personal confidence and gain workplace experience. They will also develop a portfolio of their skills which can be used to show potential employers. This puts our students in an excellent position to successfully progress to an apprenticeship, college or A Levels at the end of their course.

Examples of placements our students have completed are:

- Trainee Motor Vehicle Mechanic
- Animal care at a farm
- Administration Assistant at a logistics company
- Trainee Sports Coach
- Optician's receptionist
- Plumbing and Heating Engineer's Assistant
- Trainee in an architect firm
- Assistant Dog Groomer
- Customer Advisor in estate agent
- Nursery Assistant
- Health Care Worker
- Teaching Assistant
- Site work for an electrical company
- Social Media Marketing and Administrative Support

What else will I do?

You will learn how to speak and present yourself confidently to businesspeople, develop your CV, learn how to write effective application forms and how to be successful at interview. The experience and skills you gain within your placement will be highly beneficial both on your CV and to discuss at interview, to help you in gaining employment after the course. You will also complete the National Citizenship Service (NCS) as part of this qualification.

What qualification will I get?

Students enrol on a one-year course to achieve A Level 2 BTEC Award in Work Skills. Students also re-sit English and Maths GCSE and functional skills.

Who can I contact for more information?

Placement Information:

Miss L Friend
louise.friend@fromecollege.org

Course Information:

Mrs K Hyde
khyde@fromecollege.org

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