



SIXTH FORM
ULIDIA
INTEGRATED COLLEGE

OPTIONS BOOKLET 2020-21

ulidiacollege.com



ALL PUPILS ACHIEVING AMBITIONS

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Introduction

Deciding what subjects you wish to study at Sixth Form is one of the most important decisions you will have to make. The staff of Ulidia Integrated College will endeavour to advise and help you make the best choices in order for you to meet your educational needs. This process should be explored in full before your final selections are made.

OVERVIEW OF STUDY REQUIREMENTS

GCE 'A' Level, BTEC Nationals and Cambridge Technical courses consist of a minimum of two externally examined sections. This will be in addition to varying amounts of coursework dependent on the course studied.

Changes to 'A' level and Level 3 qualifications mean that some level 3 courses, particularly those administered by the English Boards (AQA, BTEC, Cambridge and OCN), although having some Year 13 examinations, no longer have an AS equivalence. These courses must be studied for the full two years of sixth form for any qualification to be awarded. CCEA continues to run both AS and A2 courses together (the AS is worth 40% and the A2 60% of the final grade).

Please note it may not be in the best interests of a student to continue with 'A' level studies should an acceptable standard not be reached in the Year 13 examination series or if there is overdue or owing coursework.

Most pupils will choose three subjects to study in year 13, but those who attain outstanding GCSE results at the end of year 12 may be considered for 4 choices. When choosing courses, students should bear in mind the

subjects that they enjoy, the subjects in which they can maximise their ability, and, where known, the subjects that will support the pathway for their choice of career.

When you receive your GCSE / BTEC results on Thursday 20th August, you will be interviewed by either the Principal or a senior member of staff in order to finalise your preferred options and confirm your place in Sixth Form. Please ensure you are available on this date. All students will be considered on an individual basis. While every effort is made to allow pupils to follow their preferred subjects this depends on timetable and class size constraints.

In the event of a course being oversubscribed, those students with the highest points score will be allocated initially. Students should be aware that the viability of all courses depends on student numbers. In the event of any course having spare capacity, entry criteria may be reviewed. The final decision regarding entrance to Sixth Form rests with the Principal.

PROGRESSION FROM YEAR 13 TO YEAR 14

It is the aim of the College that all students will study a minimum of three subjects through to the end of Year 14 that will enable them to proceed to higher education and beyond. In order to progress into Year 14, it is important

that students are attaining at a level that can enable them to achieve success. Progression from Year 13 to Year 14 is not automatic but is grade dependent.

Where a parent wishes to appeal the decision by the College not to admit a pupil to Year 14, on the basis of them not meeting the requirements of the Sixth Form Agreement, they should follow the Appeals process which can be obtained from the College office.

Please also note the following:

- (1) All CLC classes are dependent on places becoming available from our partner schools and are subject to change.
- (2) Subjects running in Ulidia Integrated College are dependent on student numbers and any classes that are under-subscribed may not run; in addition those that are over-subscribed will have enhanced entry criteria applied.
- (3) Ulidia Integrated College cannot be held responsible for the entry criteria applied by universities and we would strongly advise students and parents to fully research degree courses that they are interested in before making final choices in August. We would recommend however, that students who wish to go to university select no more than one BTEC or CTEC course.

Pathways & Entry Requirements

Entry requirement for Academic AS study at Ulidia

It is our overriding concern that students, staff and parents have clear evidence that the pupil is academically capable of benefiting from the courses of study that we offer. Appropriate evidence will be based on the results of the GCSE examinations.

It is important to note that Sixth Form courses offered at Ulidia are demanding and require a high level of independent study. Therefore, we have to consider not just your academic achievement but also your careers path, skills, attributes and the likelihood of success.

Entry requirements for ALL students applying to Sixth Form at Ulidia:

- Grade C or above in GCSE English Language & GCSE Mathematics (for vocational pathway it is a requirement of acceptance into sixth form that students will undertake a re-sit in the subject where a C has not been awarded)
- Minimum of 5 GCSEs at grades A*-C and/or BTEC level 2 at grades Distinction* - Pass
- Minimum entry requirement of preferred subjects should be met. This will usually be a GCSE grade B or BTEC Level 2 Merit. (This information can be found throughout the booklet)

Pathways

We have two pathways into Sixth Form study at Ulidia Integrated College:

ACADEMIC PATHWAY

26 points

Study a minimum of 2 up to 4 Full GCE A Level courses, with minimum of 3 level 3 qualifications overall

Entry Requirement:

- Best 5 subjects should total at least **26 POINTS**
- Meet above requirements for all Sixth Form applications

We would advise students who are considering University to take this pathway.

VOCATIONAL PATHWAY

23 points

Study a MAXIMUM of 1 full GCE A Level course along side 2 Vocational CTEC or BTEC courses

Entry Requirement:

- Best 5 subjects should total at least **23 POINTS**
- Meet above requirements for all Sixth Form applications

Please note, before embarking on the vocational pathway, applicants should carefully consider what their chosen pathway post 18 will be, as not all universities accept more than one vocational course.

Meeting all the above entry requirements is not a guarantee of entry as other factors will be considered such as high levels of attendance and behaviour.

Points will be calculated as follows:

GCSE A*-G Scale		9-1 Scale		BTEC (1st Award) & Occ Studies (Level 2)	
A* = 9 points	9 = 9 points	D*2 = 9			
A = 7 points	8/7 = 7 points	D2 = 7			
B = 6 points	6 = 6 points	M2 = 5			
C* = 5 points	5 = 5 points	P2 = 4			
C = 4 points	4 = 4 points				
D = 3 points	3 = 3 point				

Students will be ranked according to these points, with higher ranked students filling places initially.

EXTERNAL APPLICATIONS

Pupils who are entering the Sixth Form from other schools must fulfil all of the above criteria.

The size of the Sixth Form intake is determined by the Principal and other senior staff within the context of the school's overall enrolment number as set by The Department of Education. The number of places available to pupils from other schools is dependent on the number of 'internal' pupils returning to Sixth Form and places to 'external' pupils are normally awarded on ranked order, based on overall points score. Those with a higher points score will be allocated a place before those with a lower points score, subject to places being available in their chosen subjects.

While every effort is made to allow pupils to follow their preferred subjects, this depends on timetable and class size constraints.

YOUR RESULTS EXPLAINED

From 2017	Level 2					Level 1				Unclassified
GCSE (CCEA/WJEC)	A*	A	B	C	D	E	F	G	U	
GCSE (AQA/OCR)	9	8	7	6	5	4	3	2	1	U
BTEC	*2 (Dist*)	D2 (Dist)	M2 (Merit)	P2 (Pass)	P1 (Pass)				U	
Occ Studies	D2 (Distinction)		M2 (Merit)	P2 (Pass)	D1 (Dist)	M1 (Merit)	P1 (Pass)		U	

If we can be of any further assistance, please do not hesitate to contact the college and arrange an appointment with Mrs Bonar, Vice Principal or Mrs J Allen, Senior Teacher for Curriculum.

ART & DESIGN

AS/A2 Level

ENTRY REQUIREMENTS

It is desirable that students have achieved a grade B in GCSE Art & Design

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SPEAK TO

Miss Robinson

EXAM BOARD

CCEA

WHY CHOOSE ART & DESIGN?

The Art & Design course is wide and full of variety so each person will find the area that they are best suited to. 60% coursework and all examination work is completed within the classroom environment.

There are fantastic options for further study either at University or higher education. Careers in Art & Design are plentiful, exciting and give great job satisfaction. The course can be tailored to meet the areas of Art & Design that you enjoy and feel you can succeed in.

THE GOOD, THE BAD AND THE UGLY...

You do need to be self motivated and focused. You need to really enjoy Art and be interested in it. You will have to manage your time well so that you get coursework completed on time. You have the opportunity to express your own ideas, personality and experiences through creativity. Classes have small numbers and teaching is done on a one to one discussion basis.

COURSE CONTENTS

The course is made up of 60% coursework and one externally set examination worth 40%. Each pupil works with two dimensional and three dimensional materials. One of these pieces will be fine art, the other design. Pupils are given a theme at the start of each project but are free to choose which area of Art & Design they want to work in. These areas include: Fashion, textiles, printing, ICT, graphics, animation, painting, drawing, sculpture, ceramics, jewellery and mixed media and others.

When you decide on your chosen area of art, you begin to research the theme in your own way. You will have to do drawings, take photographs and research other artists and designers work. After research, you will spend time planning and designing your final outcome.

CAREERS OPPORTUNITIES

It may surprise you to know that there are a huge number of jobs connected to Art & Design. There are excellent degree and HND courses available both locally and further afield. The following are just a small sample of jobs leading on from Art & Design:

Graphic Designer, Architect, Sculptor, Fashion Designer, Cameraman, Animator, Dental Cosmetics, Teacher, Art Conservator, Weaver

BIOLOGY

AS/A2 Level

ENTRY REQUIREMENTS

Minimum grades AB overall in Double Award Science, with preferably an A in both Biology modules. A good standard of Mathematics and English is needed (preferably a Grade B or above).

SPEAK TO

Dr Chambers

EXAM BOARD

CCEA

CAREERS OPPORTUNITIES

Dentist, Surgeon, Immunologist, Biomedical Scientist, Zoologist, Marine Biologist, Botanist, Nurse, Doctor, Veterinarian, Pathologist, Dietician, Coroner, Teacher, Pharmacist, Ecologist, Botanist, Nutritionist.

“Biology is the study of complicated things that have the appearance of having been designed with a purpose.”

- Richard Dawkins

Throughout the two-year course students will deepen their knowledge of many biological concepts and theories. This will allow them to develop a better understanding of the interactions in the world around them.

They will learn in more detail the mechanisms within the human body and delve deeper into the processes which keep us alive. There is an emphasis on the biological practical skills, preparing them for a future in scientific research and utilising statistical analysis.

At AS Level Pupils will complete 3 units:

AS Units	Type of Assessment	Weighting
Unit 1: Molecules and Cells	External written examination	37.5% of AS grade 15% of A level grade
Unit 2: Organisms and Biodiversity	External written examination	37.5% of AS grade 15% of A level grade
Unit 3: Practical Skills		25% of AS grade 10% of A2 Grade

At A2 Level Pupils will complete 3 units:

AS Units	Type of Assessment	Weighting
Unit 1: Physiology, Co-ordination and Control, and Ecosystems	External written examination.	24% of A level grade
Unit 2: Biochemistry, Genetics and Evolutionary Trends	External written examination.	24% of A Level grade
Unit 3: Practical Skills		12% of A Level grade

The Practical Skills unit in both year 13 and 14 is split into two sections. Section A is an evidence-based lab book which is internally marked, it is an assessment of practical skills showcased in seven and five tasks conducted in year 13 and 14 respectively. Section B is an external written exam assessing the student's practical skills developed throughout the course from a range of possible practical tasks.

BUSINESS STUDIES

Cambridge Technical Extended Certification Level 3 (Single Award)

ENTRY REQUIREMENTS

A minimum of a Grade B in GCSE English and a Grade C in Maths and preferably have studied ICT if no Business Studies at GCSE level.

SPEAK TO:

Mrs Knight-Geddes

EXAM BOARD:

OCR

The Cambridge Technical in Business has been developed to meet the changing needs of the sector, and prepare pupils for the challenges they'll face in Higher Education or employment.

Designed in collaboration with experts spanning the breadth of the sector, the Cambridge Technical in Business focuses on the skills, knowledge and understanding that today's universities and employers demand. Pupils will practically apply their skills and knowledge in preparation for further study or the workplace.

You will learn how a business might evolve. From a small start-up business to a large multinational organisation, you will consider a range of different business types and gain an understanding of how the choice of business type might affect the objectives that are set. You will

also look at the internal workings of businesses, including their internal structure and how different functional areas work together. Plus, by looking at the external constraints under which a business must operate, you will gain an understanding of the legal, financial and ethical factors that have an impact. You will also explore ways in which businesses respond to changes in their economic, social and technological environment; and gain an appreciation of the influence different stakeholders can have upon a business.

The business world places a high value on the ability to research, analyse and evaluate information in order to make considered decisions and you will have the opportunity to gain these vital skills. Alongside this you will develop practical employability skills, including the ability to communicate effectively with both internal and external stakeholders, and to manage time effectively.

WHAT WILL I STUDY AND HOW WILL I BE ASSESSED?

	Unit No.	Unit Title	Unit ref. no (URN)	Type of Assessment	Percentage Weighting
Year 13	1	The Business Environment	A/507/8148	External (Exam)	33% of Overall A Level
	4	Customers and Communication	A/507/8151	Internal (Portfolio)	16.6% of Overall A Level
Year 14	2	Working in Business	F/507/8149	External (Exam)	16.6% of Overall A Level
	5	Marketing and market research	F/507/8152	Internal (Portfolio)	16.6% of Overall A Level
	17	Responsible Business Practices	T/507/8164	Internal (Portfolio)	16.6% of Overall A Level

WHAT CAN I DO WITH A QUALIFICATION IN BUSINESS?

Do you imagine your future as self-employed or in a managerial position? Cambridge Technical Business might be the subject for you! It can give you the tools and information required to understand how businesses are created, managed and become successful.

Cambridge Technical in Business is a great attribute on your CV, it shows future employers you understand how a business works, so you may be considered for higher positions. Business Studies also opens up a variety of career opportunities and also for further study at college or university. Possible career choices within the area of business include management, marketing, finance, accounting, banking, retailing, manufacturing and local government.

HOW CAN I FIND OUT MORE?

There are a number of ways that you can find out more about studying Cambridge Technical in Business:

- www.org.org.uk
- www.ebea.org.uk
- UCAS www.ucas.com or
- CAO www.cao.ie for details on entry requirements for university courses.

BUSINESS STUDIES

Cambridge Technical Diploma in Business Level 3 (Double Award)

ENTRY REQUIREMENTS

A minimum of a Grade B in GCSE English and a Grade C in Maths and preferably have studied ICT if no Business Studies at GCSE level.

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SPEAK TO:

Mrs Knight-Geddes

EXAM BOARD:

OCR

The Cambridge Technical in Business has been developed to meet the changing needs of the sector, and prepare pupils for the challenges they'll face in Higher Education or employment.

Designed in collaboration with experts spanning the breadth of the sector, the Cambridge Technical in Business focuses on the skills, knowledge and understanding that today's universities and employers demand. Pupils will practically apply their skills and knowledge in preparation for further study or the workplace.

The Diploma route offers two pathways:

- Accounting
- Marketing

At least one pathway must be achieved

ACCOUNTING

Through collaboration with The Institute of Chartered Accountants in England and Wales (ICAEW) OCR have developed this pathway to ensure that you gain the knowledge and skills required to embark upon a career within the financial sector. Using the latest International Financial Reporting Standards (IFRS), you will be able to gather the financial information required to produce final business accounts, and be able to use financial information to assess business performance. This pathway will allow you to progress onto degree programmes such as Accounting or Business and Accounting. It will also allow you to choose a non-related degree programme. It also prepares you to take up employment in business where you could be employed in roles such as Accounts Assistant, Finance Assistant, Payments Assistant or Sales Ledger Assistant

MARKETING

In order to develop this pathway, OCR drew upon the expertise of organisations such as Alton Towers and BT to make sure you develop the skills required by those wishing to work in this dynamic area. By integrating both traditional and new marketing techniques and media, this pathway highlights the importance of market research in creating a marketing strategy that can be delivered through co-ordinated, multi-channel marketing campaigns. This pathway will allow you to progress onto degree programmes such as Marketing or Business and Marketing. It will also allow you to choose a non-related degree programme. It also prepares you to take up employment in business where they could be employed in roles such as Marketing Administrator, Market Research Analyst, Digital Marketing Assistant or Public Relations Officer.

WHAT CAN I DO WITH A QUALIFICATION IN BUSINESS?

This vocational qualification will help you to progress onto a qualification in the same subject area at a higher level in Higher Education (HE). Progression could be onto an Accounting, Business and Accounting, Marketing or Business and Marketing degree programme. It will also allow you to choose a non-related degree programme or take up employment in business where you could continue to study, either directly after achieving the qualification or after HE.

WHAT WILL I STUDY AND HOW WILL I BE ASSESSED?

Everybody will take on units	Accounting pathway units	Marketing pathway units
The business environment (Exam)	Accounting concepts (Internal Portfolio)	Marketing and market research (Internal Portfolio)
Working in Business (Exam)	Financial accounting (Internal Portfolio)	Marketing strategy (Internal Portfolio)
Business Decisions (Exam)	Management accounting (Internal Portfolio)	Marketing campaign (Internal Portfolio)
Customers and Communication (Internal Portfolio)		
Change Management (Exam)		
Principles of Project Management (Internal Portfolio)		
Delivering a business project (Internal Portfolio)		

HOW CAN I FIND OUT MORE?

There are a number of ways that you can find out more about studying Cambridge Technical in Business:

- www.org.org.uk
- www.ebea.org.uk
- UCAS www.ucas.com or
- CAO www.cao.ie for details on entry requirements for university courses.

ENGLISH LANGUAGE & LITERATURE

A2 Level

ENTRY REQUIREMENTS

GCSE English Literature Grade B and GCSE English Language Grade B.

SPEAK TO

Miss Owens

EXAM BOARD

AQA

English Language and Literature is viewed by all UK universities as a facilitating subject and is therefore viewed favourably by university admission tutors. It is a linear qualification with assessment of all material taking place at the end of the course, including a 20% coursework unit. This specification develops literary and linguistic analysis, enabling students to become critical, independent readers. It is also designed to promote creativity and to nurture personal responses to literary and non-literary texts.

WHAT WILL I STUDY?

Paper 1: Telling Stories

Written exam: 3 hours
40% of A Level

Section A:

Remembered Places - Closed Book

One compulsory question on the AQA Anthology: Paris (40 marks). Comparing passages.

Section B: Imagined Worlds

Frankenstein by Mary Shelley - Open Book

One question from a choice of two on prose set text (35 marks). Short passage as springboard for point of view response.

Section C: Poetic Voices –Selection of Seamus Heaney Poems - Open Book

One question from a choice of two on poetry set text (25 marks) dealing with the forms and functions of poetic voice.

Paper 2: Exploring Conflict

Written exam: 2 hours 30 minutes
40% of A Level

Section A

Writing about Society:

The Kite Runner - Open Book

One piece of re-creative writing using set text passage (30 marks) 300 words

Critical commentary (25 marks) 400 words

Section B

Dramatic Encounters:

A Streetcar Named Desire - Open Book

One question from a choice of two on drama set text (45 marks)

Non-exam Assessment Making Connections

50 marks - 20% of A Level

Task A personal investigation that explores a specific technique or theme in both literary and non-literary discourse (2,500-3,000 words). Novel and non-literary material.

Exam Title: Compare and contrast the presentation of race in the novel The Help and Barack Obama's first presidential speech.

GEOGRAPHY

AS/A2 Level

ENTRY REQUIREMENTS

C* or above in GCSE Geography

SPEAK TO

Mrs Patterson

EXAM BOARD

CCEA

Your A Level Geography course will cover both the physical and human environments and the complex interaction of processes that shape our world.

It will also, importantly, show the applied side of the subject - how human intervention affects the environment and how people adapt and mitigate the effects of processes on their environment. This is complex and dynamic and varies from place to place depending on people's resources, technology and culture. There is plenty of room for discussion and extended research, which will help you become an independent thinker and learner. By the time you get to your exams, you will be able to show your understanding of a range of opinions and be able to illustrate your answers with case studies from local, national and international examples.

You will learn in a wide variety of ways, using maps, GIS skills, data analysis, photos, videos, and podcasts, as well as attending lectures. You will be encouraged to frame your own questions using higher level thinking skills and show your grasp of complex issues through report and essay writing. Fieldwork will be an essential part of your A Level course. (RGS)

COURSE OUTLINE

YEAR 13

AS 1: Physical Geography;

This unit comprises three themes covering key aspects of physical geography: fluvial environments; local and global ecosystems; and processes that shape weather and climate.

AS 2: Human Geography;

This unit comprises three themes covering key aspects of human geography: population; settlement; and development.

AS 3: Fieldwork Skills and Techniques in Geography;

This unit comprises the skills and techniques required to undertake first-hand collection of geographical data.

YEAR 14

A2 1: Physical Processes, Landforms and Management;

This unit comprises two themes covering key aspects of physical geography; Plate Tectonics: Theory and Outcomes; Climate Change: Past and Present.

A2 2: Processes and Issues in Human Geography;

This unit comprises of two themes covering key aspects of human geography; Tourism; Cultural Geography.

A2 3: Decision Making in Geography;

During this unit you will use a variety of resources to make a justified decision.

HEALTH & SOCIAL CARE (SINGLE AND DOUBLE)

AS/A2 LEVEL

ENTRY REQUIREMENTS

It would be advisable that candidates have at least a C in English as well as GCSE Child Development, GCSE Health and Social Care and/or Science. However, applications will be considered from students who have not studied these subjects at Key Stage 4, provided they can demonstrate a strong interest in the subject area.

A good standard of written communication is essential. The ability to meet deadlines and work independently is also required. Students studying Health and Social Care are expected to attend a period of work experience in a health or social care environment.

SPEAK TO:

Mrs Ford

EXAM BOARD:

CCEA

CAREER PATHWAYS

Health & Social Care Policy, Health Education and Health Promotion, Teaching, Community Development, Health Research, Nursing, Social Work, Occupational Therapy and Sociology.

WHY CHOOSE HEALTH & SOCIAL CARE?

A Level Health and Social Care is an ideal qualification for those wishing to attend university or begin a career in Health and Social Care or Teaching.

On the course you will:

- Gain an awareness of the important links between Health and Social Care and other fields ranging from sociology and nutrition to ethics and education
- Gain an understanding of issues affecting the health and social sector
- Develop the skills to make an effective contribution to the care sector, including skills in research, evaluation and problem solving
- Prepare for further study and training within employment or university.
- Have the opportunity for work experience in the Health and Social Care or Education sector.

WHAT TOPICS WILL I STUDY?

There are two possible options for Health and Social Care study - Single Award and Double Award.

SINGLE AWARD

The Single Award is divided into 6 units. You will complete 3 units in year 13 and 3 in Year 14.

AS Unit 1: Promoting Quality Care

Internally Assessed - 25% of AS, 10% of A2

AS Unit 2: Communication in Health, Social Care and Early Years Settings

Internally Assessed - 25% of AS, 10% of A2

AS Unit 3: Health and Well-Being

Externally Assessed
2 hour examination - 50% of AS, 20% of A2

A2 Unit 3: Providing Services

Externally Assessed (2 Hour Exam)
30% of A2

A2 Unit 4: Health Promotion

Internally Assessed - 15% of A2

A2 Unit 5: Supporting the Family

Internally Assessed - 15% of A2

DOUBLE AWARD

The Double Award is comprised of 12 units. You will complete 6 units in year 13 and 6 in Year 14.

AS Unit 1: Promoting Quality Care

Internally Assessed - 12.5% of AS, 5% of A2

AS Unit 2: Communication in Health, Social Care and Early Years Settings

Internally Assessed - 12.5% of AS, 5% of A2

AS Unit 3: Health and Well-Being

Externally Assessed (2 hour exam)
25% of AS, 10% of A2

AS Unit 4: Safeguarding Children

Internally Assessed - 12.5% of AS, 5% of A2

AS Unit 5: Adult Service Users

Externally Assessed (2 hour exam)
25% of AS, 10% of A2

AS Unit 6: Holistic Therapies

Internally Assessed - 12.5% of AS, 5% of A2

A2 Unit 1: Applied Research

Internally Assessed - 7.5% of A2

A2 Unit 2: Body Systems and Physiological Disorders

Internally Assessed - 7.5% of A2

A2 Unit 3: Providing Services

Externally Assessed (2 Hour Exam)
15% of A2

A2 Unit 4: Health Promotion

Internally Assessed - 7.5% of A2

A2 Unit 5: Supporting the Family

Internally Assessed - 7.5% of A2

Either - A2 Unit 6: Understanding Human Behaviour

Externally Assessed 15% of A2

Or - A2 Unit 7: Human Nutrition and Health

Externally Assessed - 15% of A2

HISTORY

AS/A2 LEVEL

ENTRY REQUIREMENTS

Minimum of a B Grade at GCSE

SPEAK TO:

Mrs McBride

EXAM BOARD:

CCEA

WHY CHOOSE HISTORY?

A Level History is an ideal qualification for those wishing to attend university or begin a career in a History related profession or Teaching. During the course, pupils will:

- develop their interest in and enthusiasm for history;
- draw together different areas of knowledge, skills and understanding;
- organise and communicate their knowledge and understanding in different ways;
- present coherent arguments and make substantiated judgements;
- acquire the ability to ask relevant and significant questions about the past, carry out research and evaluate conclusions;
- gain an understanding of the different ways in which aspects of the past have been interpreted;
- develop higher order thinking skills, such as creative thinking and problem-solving;
- develop advanced study skills that help them prepare for third level education;
- provide extended responses and evidence of quality of written communication; and demonstrate through external assessments that they understand and can apply key historical terms, concepts and skills.

WHAT TOPICS WILL I STUDY?

AS Units	Type of Assessment	Weighting
AS 1: Historical Investigations and Interpretations (1 hour 30 mins)	External written examination. Students answer a short response question and a two-part source question.	50% of AS 20% of A level
AS 2: Historical Conflict and Change (1 hour 30 mins)	External written examination. Students answer two questions from a choice of three. Each question has two parts, a short response and an extended essay.	50% of AS 20% of A level
A2 Units	Type of Assessment	Weighting
A2 1: Change Over Time (1 hour)	External written examination.	20% of A level
A2 2: Historical Investigations and Interpretations (2 hour 30 mins)	External written examination involving essays and sources.	40% of A level

INFORMATION TECHNOLOGY

Cambridge Technical Extended Certification Level 3

ENTRY REQUIREMENTS

It is recommended that the following minimum grades are achieved at Level 2 in order to begin Level 3 Information Technology.

- OCN IT Applications - B
- OCR Creative iMedia - B
- GCSE Digital Technology - C

Pupils will need to have an ability to work independently as well as be able to effectively use initiative.

SPEAK TO:

Mr Wray

EXAM BOARD:

OCR

CAREER PATHWAYS

Helps to prepare pupils for progression to industry standard qualifications and languages such as CompTIA A+, CompTIA Mobility+, Cisco IT Essentials, VM Ware, Cyber Security, Network Administration and Security, Software Development, ,

This course is accepted by further education colleges and universities, allowing progression to computer science, multimedia and web development qualifications.

COURSE CONTENT

The course consists of 360 guided learning hours (GLH) broken into five units.

Unit 1 - Fundamentals of IT (Exam)

Unit 2 - Global Information (Exam)

Unit 3 - Cyber Security (Exam)

Unit 9 - Product Development (Controlled Assessment)

Unit 17 - The Internet of Everything (Controlled Assessment)

UNIT 1 - FUNDAMENTALS OF IT (90 GLH)

A sound understanding of IT technologies and practices is essential for IT professionals. Information learnt in this unit will create a solid foundation in the fundamentals of hardware, networks, software, the ethical use of computers and how businesses use IT. After completing this unit, the knowledge, skills and understanding pupils have developed will underpin their study for the additional units.

UNIT 2 - GLOBAL INFORMATION (90 GLH)

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. This unit will provide pupils with a greater understanding of how organisations use information sources both internally and externally and the types of information they will encounter. The skills gained by completing this unit will give them knowledge of the functionality of information and how data is stored and processed by organisations. They will also learn about how individuals use information of various types. This unit will help pupils to understand the legislation and regulation governing information which flows into and out of an organisation and the constraints and limitations that apply to it. They'll also learn the relationship between data and Information.

UNIT 3 - CYBER SECURITY (60 GLH)

This unit has been designed to enable pupils to gain knowledge and understanding of the range of threats, vulnerabilities and risks that impact on both individuals and organisations. They will learn about the solutions that can be used to prevent or deal with cyber security incidents resulting from these challenges. Pupils will be able to apply their knowledge and understanding of cyber security issues and solutions by reviewing and making recommendations for ways to best protect digital systems and information.

UNIT 9 - PRODUCT DEVELOPMENT (60 GLH)

The purpose of this unit is to prepare pupils to undertake product development activities. They will learn about different product design methodologies and the role of the product development life cycle. In addition, they'll discover the factors that influence product developments. The key to any product development being a success is the analysis, client review, design, testing and final acceptance that takes place. The skills that pupils will learn can be applied to the development of any product, large or small. They will use product development skills and work through the product development life cycle.

UNIT 17 - THE INTERNET OF EVERYTHING (60 GLH)

This unit is about the use of the Internet and how it is impacting people and society. Pupils will learn about the Internet of Everything (IOE) and how it is used. Using their knowledge they'll carry out a feasibility study for a potential idea. They will pitch their idea to potential stakeholders and use their feedback to revise their proposal.

LIFE & HEALTH SCIENCES (SINGLE AND DOUBLE)

AS/A2 LEVEL

ENTRY REQUIREMENTS

High grades in two Science GCSEs (preferably a Grade C*C*), provides the necessary foundation. A good standard of Mathematics and English is needed (preferably a Grade C or above).

SPEAK TO:

Dr Chambers

EXAM BOARD:

CCEA

This new and innovative qualification has been developed in partnership with Northern Ireland industry (e.g Almac, Norbrook) and drawing on expertise from our 2 local universities.

Across Northern Ireland, this is a fast growing employment sector which generates £800 million per year and is growing by 12% annually – employing 70,000 people. (2015 MATRIX sector Report).

These qualifications are ideal for those students who want a highly sought after qualification with a broad background in science. It will allow them to progress to higher education, further training and/or employment in a wide range of career paths.

COURSE STRUCTURE

There are a range of exam and portfolio units; developing strong laboratory skills is a key feature. This course has 16 units available to choose from: 6 at AS level and 10 units at A2.

Year 13

At AS level, all students must complete Unit 1, 2 and 3.

AS Units

Unit 1 - Experimental Techniques

Unit 2 - Human Body Systems

Unit 3 - Aspects of Physical Chemistry in Industrial Process

In addition, students working towards a **Double Award** qualification must complete:

Unit 4 - Brain Science

Unit 5 - Material Science

Unit 6 - Medicine, Drugs and Clinical Trials

Year 14

At A2 level, all students must complete Units 1 and 2.

A2 Units

Unit 1 - Scientific Method, Investigation, Analysis and Evaluation

Unit 2 - Organic Chemistry

The Single Award qualification also includes any 1 of these 3 optional units and the Double Award includes any 2:

Unit 3 - Medical Physics

Unit 4 - Sound and Light

Unit 5 - Genetics, Stem Cell Research and Cloning

In addition, the Double Award qualification includes any 2 of these 5 optional units:

Unit 6 - Microbiology

Unit 7 - Oral Health and Dentistry

Unit 8 - Histology and Pathology

Unit 9 - Analytical Chemistry Techniques

Unit 10 - Enabling Technology

CAREER POSSIBILITIES

Employment

These qualifications are relevant to employment in various science sectors:

Health care, Medical and Laboratory based science, Chemical industry, Leisure and associated industries, Food and catering industries.

Higher Education

Provides a sound basis for progression to a range of science based degree courses:

Physiotherapy, Pharmacy, Radiotherapy, Speech Therapy, Biochemical Science, Food Technology, Forensic Science, Nursing, Medical Physics, Materials Science, Engineering, Zoology, Sports Science, Human Physiology to name just some of the possibilities.

MATHEMATICS

AS/A2 Level

ENTRY REQUIREMENTS

Students must have achieved at least a Grade B at Higher Tier in GCSE Mathematics. Pupils must have completed M4 & M8 modules at GCSE. A GCSE in Further Maths is **helpful**, but **not** compulsory.

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SPEAK TO:

Mrs O'Rourke

EXAM BOARD:

CCEA

Mathematics at AS and Advanced GCE is a course worth studying not only as a supporting subject for the physical and social sciences, but in its own right. It is challenging but interesting.

Practically, Maths helps us put a price on things, create graphics, build websites, build sky scrapers and generally understand how things work or predict how they might change over time and under different conditions.

- Maths is one of the best subjects to develop your analytical, research and problem solving skills.
- It will give you the knowledge to tackle scientific, mechanical, coding and abstract problems
- It will help you develop logic to tackle everyday issues like planning projects, managing budgets and even debating effectively

IS MATHS RIGHT FOR ME?

Mathematics is rather different from many other subjects. An essential part of mathematical study is the challenge of analysing and solving a problem and the satisfaction and confidence gained from achieving a 'correct' answer.

If you choose Mathematics you will **not** have to write essays, but you will need to be able to communicate well in written work to explain your solutions in a structured manner.

Mathematics is not about learning facts. You will not achieve success by just reading a textbook or by producing and revising from detailed notes... you actually need to 'do' Mathematics.

ASSESSMENT

- **AS Level (worth 40%)** you will take 2 units (Pure and Applied)
- **A2 Level (worth 60%)** you will take a further 2 units (Pure and Applied).
- **Pure Mathematics** makes up 66⅔% of entire course
- **Applied Mathematics** will include both Mechanics (50%) and Statistics (50%) at AS and A2 level.

What can I do after I have completed the course?

A level Mathematics is very valuable as a supporting subject to many courses at Advanced GCE and degree level, especially in the sciences and geography, psychology, sociology and medical courses.

There are also many areas of employment that see a Mathematics GCE as an important qualification.

Higher Education courses or careers that either require A-level Mathematics or are strongly related include:

Computer Programming, IT, Games Development, Economics, Engineering: Software, Civil, Mechanical, Accountancy, Finance, Medicine, Architecture, Teaching, Psychology, Physics, Actuarial Science, Consultancy, Scientific Research, Construction

"Maths is a 'facilitating' subject, which means that it will help you to study lots of other subjects and pursue lots of different careers."

- Russell Group informed choices guide

PHOTOGRAPHY

A2 Level

ENTRY REQUIREMENTS

Having GCSE MIA or ART & DESIGN would be desirable. An interest or strong enthusiasm for photography is essential and you must be able to get out and about to take photographs. Students who undertake this course will be expected to have access to their own equipment (camera & SD card).

SPEAK TO:

Mrs Watson

EXAM BOARD:

AQA

Students will explore relevant workshops in class, research images, artefacts and resources relating to a range of photography, craft and design, from the past and from recent times, including world wide examples.

This should be integral to the investigating and making processes. Students' responses to these examples must be shown through practical and critical activities that demonstrate their understanding of different styles, genres and traditions. They will have a digital portfolio that can be sent to University and also exhibit two final pieces in the year.

AREAS OF STUDY

Students are required to work in one or more area(s) of Photography, such as those listed below. They may explore overlapping areas and combinations of areas:

- portraiture
- landscape photography (working from the urban, rural and/or coastal environment)
- still life photography (working from objects or from the natural world)
- documentary photography, photojournalism
- fashion photography, experimental imagery & multimedia
- photographic installation

YEAR 13 PHOTOGRAPHY

Portfolio: Portraiture Photography (Sept to Jan) 60%
& Exam Topic (Feb-May) 40%

A2 PHOTOGRAPHY

Portfolio: Your own choice of theme (Sept to Jan) 60%
& Exam Topic (Feb-May) 40%

RELIGIOUS EDUCATION

AS/A2 Level

ENTRY REQUIREMENTS

You will have studied one of the following options at GCSE, and achieved the relevant grade:

- Full Course Religious Education at Grade B or
- GCSE English Language or Literature Grade B or
- Short Course Religious Education at Grade A

SPEAK TO:

Mrs Bell

EXAM BOARD:

CCEA

COURSE OVERVIEW

AS Level

(2 External Examinations - 1 hour and 20 minutes each)

AS Unit 1: An Introduction to the Gospel of Luke

Within this topic, the following themes are studied:

- Religious & Political Background
- Introduction to the Gospel of Luke
- Selective Narratives in Luke's Gospel
- The Words (parables) of Jesus
- The Deeds (miracles) of Jesus

AS Unit 4: The Christian Church in the Roman Empire: Beginnings, Expansion and External Pressure

Within this topic, the following themes are studied:

- Expansion of Christianity
- Church Government
- Persecution
- Constantine
- Early Christian Thought

A2 Level

(2 External Examinations - 2 hours each)

A2 Unit 1: The Theology of the Gospel of Luke

Within this topic, the following themes are studied:

- The Function and Role of Biblical Criticism
- Lukan Christology
- Religious Themes
- The Theological Significance of the Words and Deeds of Jesus
- Interpreting Luke

A2 Unit 4: The Continued Development of Christian Church in the Roman Empire to AD325

Within this topic, the following themes are studied:

- Church Life and Worship
- Heresy and Schism
- Defining the Faith
- Christian Writers
- Council of Nicaea

CAREER OPPORTUNITIES

Career prospects for those that take Religious Studies/Theology at degree level are very bright, with 25% of 2015 graduates going on to work in the fields of legal, social and welfare, 11% choosing to become educational professionals and almost 5% managers.

Jobs directly related to studying Religious Education include that of an RE Teacher at Secondary level, a Primary Teacher or Lecturer, or a job within the Church. Jobs in which the study of Religious Education would be very useful include: Advice Worker, Charity Officer, Civil Service Administrator, Community Development Worker, Editorial Assistant, Newspaper Journalist, Social Worker and Youth Worker.

The skills gained through the study of Religious Education are highly respected and sought after by many potential future employers. The importance of Religious Education A Level as a subject for Higher Education entry and for graduate recruiters is increasingly recognised by independent bodies. The Russell Group of top universities has made it clear that RE A level provides 'suitable preparation for University generally', and both Oxford and Cambridge University include Religious Education in the top level list of 'generally suitable Arts A levels'.

ALL PUPILS ACHIEVING AMBITIONS

“Educating together, Catholics and Protestants, and those of other religions, or none, in an atmosphere of tolerance and understanding, to the highest possible academic standards.”

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