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Welcome

"I am delighted to introduce the Toot Hill College prospectus for 2015. This prospectus will enable you to identify key information concerning all aspects of the college's provision.

At Toot Hill College we are dedicated to offering an environment that is conducive to the very best learning and attainment. The staff at our college are committed to delivering first class educational experiences and have the highest expectations of all students. This supports our key goal of aspirational levels of achievement for every student.

By supporting our students to reach their potential, they will be fully prepared for the next stage of their learning journey – whether that be university, training or employment."

Joel Tomasevic Head of College

College Entry Requirements:

General entry requirements to Toot Hill College are three C grades (including English and Maths GCSE) and two B grades. There are also subject-specific entry requirements for each subject that need to be met.

We look forward to welcoming you to Toot Hill College and helping you to make the very most of your future.



Ofsted & Results

Year 13 A Level results, 2014:

	A*- A	A*- B	A*- C
College	38.1%	59.8%	86.8%
National	26%	52.4%	76.7%

The 2014, examination results exceeded all previous achievements, with 86.8% of all entries graded A* – C

Out of all the students that applied to university, every student who wished to continue into higher education secured a place.

The results were significantly above national trends reflecting the high academic rigour expected within the college.

Ofsted, in their 2011 visit, stated that sixth form provision was good with good leadership and management enabling students to achieve good outcomes.



Ethos & Aims

At Toot Hill College, we have a clear strategy for success:

Commitment: Toot Hill College is committed to providing a world class learning environment. Our staff aim to support all students to achieve at the very highest level, enabling them to secure their desired university, training or employment choice. In turn, we have the highest expectations of all students. We encourage all students to develop as independent learners, helping them to access their full potential both academically, and as young adults.

Community: Toot Hill College facilitates a fantastic range of curricular and extra-curricular opportunities that promote a true learning community. The college aims to develop leaders of the future with initiatives such as the Student Union, Amnesty International and Debating Societies. The Senior Citizen's Tea Dance and Children's Christmas Party provide our students with the opportunity to engage with the wider community.

Consideration: We aim to support the development of all students on their path to adulthood. At Toot Hill College, our staff are proud to provide care and consideration for all students. Equally, we expect all students to be considerate to each other and their community, facilitating a truly great learning environment for everyone.

Dress Code: As we move into our new building, we are introducing a more professional dress code for our learners, which has been designed to reflect the values of hard work and professionalism we instil in all our students. From September 2015, the dress code will require students to attend college in smart/casual clothing, which excludes denim, trainers, t-shirts, shorts, low-cut tops, leggings and sports wear. Further details about the dress code will be available to students and parents in the Spring Term.

"Toot Hill School is a happy, caring, thriving and inclusive school where all students aspire to and achieve their full potential. Students, in partnership with school and home, will be active, independent and resilient learners who acknowledge their responsibility in upholding the school's values. With the support of exceptional pastoral care and guidance, extra-curricular activities and strong community links, the personal development of all students will be outstanding. Students will then move on from Toot Hill as confident global citizens equipped to make positive contributions to society."

Ashfaq Rahman Head of School

www.toothillcollege.co.uk

"When I decided to apply to Oxford the advice and encouragement I received from staff was incredible... From filling in my UCAS form. to preparing for interview, I was supported at every stage of the process and that gave me the confidence to believe in myself and achieve my full potential."

Imogen O'Sullivan Graduate, Oxford Universi

High Aspirations

Enrichment

Students' Union (Senior Prefects)

An active Students' Union enables greater autonomy for students in the creation of a 'higher education' ethos and provides opportunities for consultation regarding key college decisions. Sub-committees take responsibility for key college foci including teaching and learning facilities, events (such as the annual Summer Ball) and the college magazine.

Level 2 Award in Community Sports Leadership (CSLA)

An engaging and practical experience that enables students to develop leadership, communication, organisation and teamwork skills through the planning and leading of sports festivals for local primary school children.

Silver and Gold Duke of Edinburgh Award (D of E)

This enables students to experience new activities, develop skills and contribute to the local community with assessment through completion of a logbook and final expedition.

World Challenge

A two week expedition that provides the ultimate opportunity to respond to mental and physical challenges that will enable students to develop skills and gain experiences that will stay with them for life.

Young Enterprise

A national competition where students form a company to design, create, advertise and sell a product or service to be showcased at local and regional events with support from business leaders in the local community.

Inspired Awards Scheme

A national programme offering accreditation for volunteering in the school and local community; students are provided with opportunities to volunteer in subject curriculum classes or after school clubs, work with individual pupils through learning support or become an Arts Academy mentor working with pupils from local primary schools. College students also facilitate an annual Children's Christmas Party for pupils from an inner city primary school and Christmas Tea Dance for the residents of Bingham.

Sport Enrichment Programme

Students are provided with an opportunity to utilise the extensive leisure facilities available and set up college teams to compete against other local colleges.



Facilities & Environment







- Access to brand new, state-of-the-art facilities, including independent learning areas, modern catering facilities, college common room and Wi-Fi
- Dedicated study facilities in the expressive arts area, assessment centre and learning resource centre
- Extensive computing and ICT facilities
- A new design, technology and graphics area
- A new expressive arts area with drama, art and music facilities (including drama studios, photography dark room facilities, college art studio and music practice rooms)
- Eleven science laboratories
- Exclusive use of Bingham Leisure Centre with subsidised gym membership







Advice & choosing the right subjects

The college provides a dedicated mentoring programme.

In Year 12, the programme incorporates

- Talks from College Alumni regarding life at university
- Study skills to help GCSF to AS transition
- Dodicated and to and intervious
- Clear and transparent targets
- · Caroor pathyvave
- Revision and study support

In Year 13, the focus is on university, college and work applications. Mentors provide support in the following areas:

- Writing UCAS personal statements
- Writing letters of application for employment
- Choosing courses
- Looking for jobs
- Providing university and iob reference
- Offering study and revision support



A Level (GCE) Courses Toot Hill College offers a wide range of academic and vocational pathways. Combined with our comprehensive programme of enrichment activities, our students are able to access the very best universities, higher apprenticeships and employment opportunities.

ART & DESIGN

Exam Board: Edexcel

What will I learn?

In Year 12, you will be encouraged to pursue your own lines of enquiry informed by guided cultural, contemporary and historical references. You will explore different types of art by attending workshops in Fine Art, Photography, Art Textiles, Digital Art and Mixed Media 2D/3D. Additionally you will record your observations in the form of drawing and painting as well as researching and responding to artists both traditional and contemporary. You will then explore your own ideas through accomplishing design ideas and a final piece.

In Year 13, you will develop a deeper understanding of your own specialism by selecting a question to answer. This will take place in both written (through an essay) and practical ways (sketchbook). You will explore and research a variety of artists and begin to establish your own ideas and concepts.

"The Art Department here allows me to be creative and imaginative, the teachers offer so much support and the facilities are excellent."

Rachel Allcoat

How am I assessed?

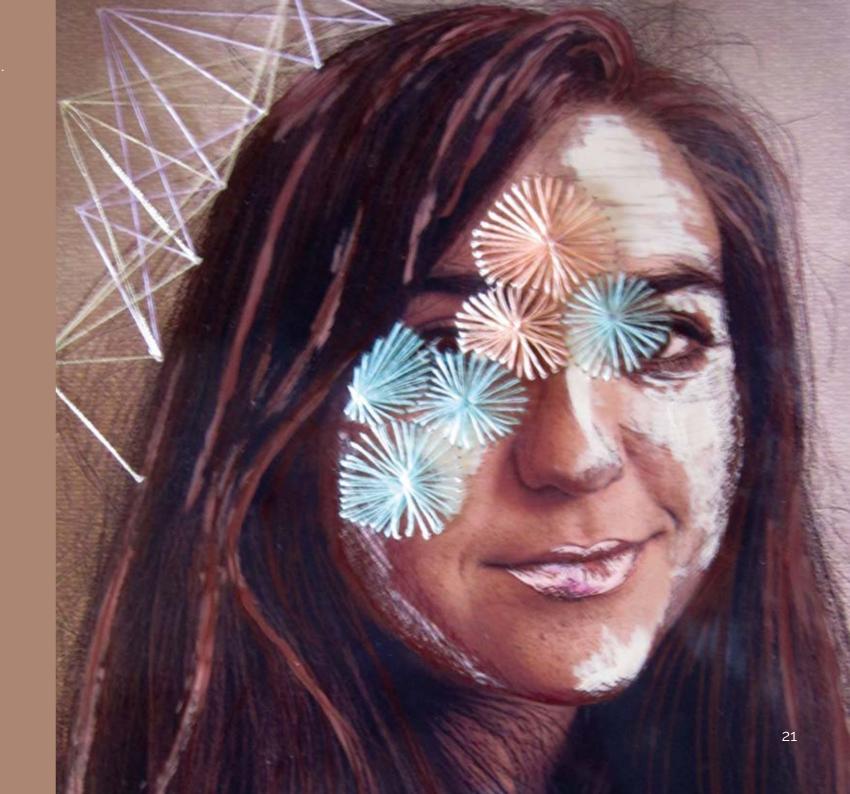
60% Coursework

What do I need to study this course?

College Entry Requirements and a Grade B in GCSE Art & Design

Where can it lead?

An A Level in Art & Design can lead to higher education through an Art Foundation Course or directly onto a degree course.





BIOLOGY

Exam Board: AQA

What will I learn?

Biology is a complex and broad science. You will enjoy this course if you are interested in all aspects of living organisms, how they work and how they interact with their environment.

The course looks at different types of biological organisms, how this variation is brought about and explores how they function and survive in their environment. You will initially look at some human systems, the diseases that can affect them and ways in which the body's defence mechanisms work.

At the end of Year 12 you are invited on a field trip to Wales which provides the exciting opportunity to study organisms in their natural habitat of the sea shore.

How am I assessed?

100% Examination

What do I need to study this course?

College Entry Requirements and a Grade B in GCSE Sciences

Where can it lead?

The course is an ideal stepping stone to the many fields of work and study in biology or the other sciences. A Level Biology can open up a range of careers and higher education courses in medicine, nursing, midwifery, veterinary science and dentistry, optometry, physiotherapy, pharmaceutical sciences, forensic science, biomedical and biological sciences, environmental health and food sciences. A Level biology can also help gain direct entry into employment, especially into the scientific and related sectors.

"The AS Level course really stimulated my interest in Biology. It is a challenging subject where sometimes we were developing our knowledge from at GCSE or learning about completely new areas of Biology. The field trip at the end of the year was both a fantastic life and learning experience and I am looking forward to continuing the subject at A2 Level."

Adam Edwards

APPLIED BUSINESS STUDIES

Exam Board: AQA

What will I learn?

Business studies is a fascinating and diverse subject. In Year 12, you will research how a tertiary sector business (Bingham Day Nursery) manages its Human Resources. Additionally, you will examine how a large successful business (Sainsbury's) effectively manages and develops its product portfolio in the market place. The Year 12 examination focusses on developing financial skills through a pre-seen case study.

In Year 13, you will learn how to construct and develop a business plan for your own small enterprise. In the second piece of coursework, you will develop and critique your own marketing campaign for a local café. The exam involves responding to unseen case data concerning the management of people in the workplace.

How am I assessed?

66% Coursework 34% Examination

What do I need to study this course?

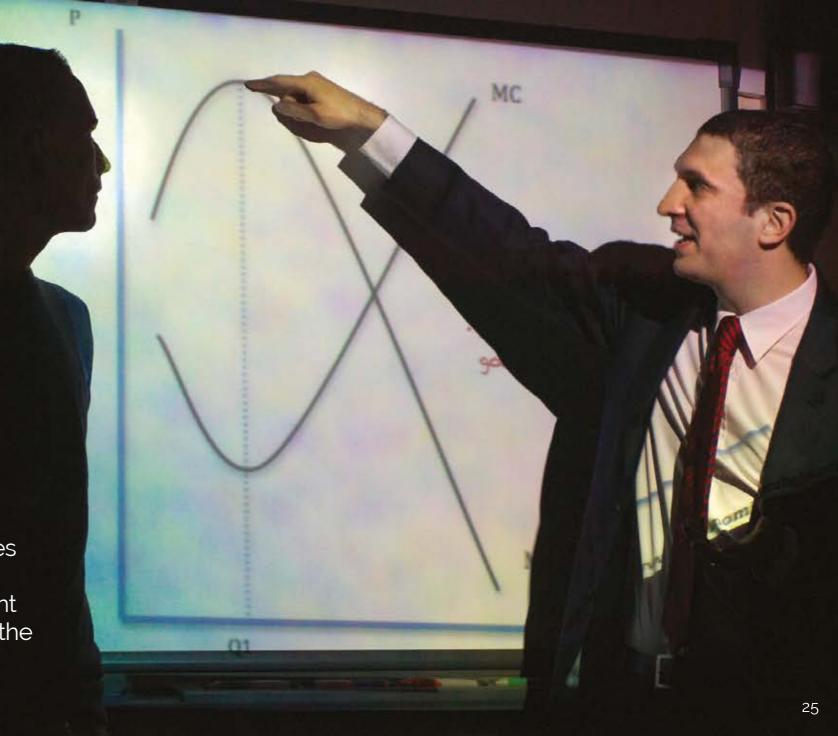
College Entry Requirements

Where can it lead?

An A Level in Applied Business can lead directly in various degree courses including Business Studies, Management, Marketing and Accountancy. The course prepares students well for the world of work in a wide range of disciplines, including people management, marketing promotion and recruitment. You also develop skills and knowledge related to setting up their own business through the business planning unit.

"Applied Business includes all aspects of business studies and is an excellent subject for learning how the world of work functions."

Tom Selby



2 YEAR COURSE - AS/A2 LEVEL

CHEMISTRY

Exam Board: AQA

What will I learn?

You will develop and enhance your knowledge in three mair areas: physical, organic and inorganic chemistry.

You will learn in detail about topics such as atomic structure, bonding and chemical equilibria as well as electrode potentials and electrochemical cells in physical chemistry. You will study the periodic table in detail through topics like periodicity, transition metals and the reactions of group 1 and 7, helping to develop your passion for inorganic chemistry. In organic chemistry you will cover a broad range of topics, learning about a variety of functional groups and their reactions. In addition you will learn about different spectroscopy and chromatography techniques.

There will be a large amount of hands-on experience and you will have the opportunity to learn and use practical skills to link theory with practice, deepening your knowledge and understanding in the world of chemistry.

How am I assessed?

100% Examination

What do I need to study this course?

College Entry Requirements and a Grade B or higher in GCSE Sciences and Maths

Where can it lead?

Chemistry A Level can lead to many careers including medicine, pharmacy and dentistry but is also extremely useful in careers in the biological sciences, physics, mathematics, pharmacology and analytical chemistry.

COMPUTING

Exam Board: OCR

What will I learn?

In Year 12, you will study problem solving, designing programs, programming in Visual Basic and the fundamentals of structured programming. You will also study number systems, stages of development of a hardware/software system as well as logic gates, boolean algebra and the internal components of a computer.

In Year 13, you will look in more detail at hardware devices and systems, the internet and networking, as well as how computers affect the way we work and live. You will also look at algorithms and data structures, the role of an operating system as well as database design and implementation.

Throughout both years you will complete project work based on real business situations.

How am I assessed?

60% Examination 40% Coursework

What do I need to study this course?

College Entry Requirements and a Grade A/A* in GCSE ICT and a Grade B in GCSE Mathematics

Where can it lead?

A Level Computing offers excellent progression to a variety of degrees including Computing, Software Engineering, Computer Games Production, Information Systems, Forensic Computing and Computer Technology. Careers in computer and electronics design, many varieties of programming, systems, analysis and design, network analysis and management, computer auditing and forensic computing are all options for those who have studied Computing.

DRAMA & THEATRE STUDIES

Exam Board: Edexcel

What will I learn?

In Year 12, you will explore two contrasting play texts and complete exploration notes. You will experience live theatre and you will record your response to it as part of the coursework requirements. All students take part in an externally examined production of a published play text. In addition, you will rehearse and perform a monologue or duologue for external assessment.

In Year 13, you will produce an original piece of theatre to be performed to a live audience. The process involves creating a portfolio of exploration notes which are internally assessed. The final unit takes the form of a 2.5 hour written exam. You will develop ideas from the point of view of a director, working on your interpretation and rehearsal process. You will also produce a response to a live piece of theatre, comparing the production to the play's original performance.

How am I assessed?

60% Examination 40% Coursework

What do I need to study this course?

College Entry Requirements and a Grade C in GCSE English Literature or a Grade B in GCSE English Langauge

Where can it lead?

Drama & Theatre Studies A Level can be used to gain entry onto a wide range of Higher Education courses.

Past students have gone on to drama schools, Oxford University, Manchester University and a host of other leading institutions to study a range of subjects including History, Education Studies, Drama, English and Nursing.

"This year has pushed me to do more than I thought I ever could. The range of skills I have developed has been huge and intellectual and the physical challenge utterly rewarding."

Kate Lansdale

GCE

ECONOMICS

Exam Board: OCR

What will I learn?

In Year 12, you will examine why all societies must make choices due to the economic problem of scarcity. You will also investigate how the forces of demand and supply and governments can determine what goods and services are produced and consumed. Furthermore, you will analyse and evaluate the bigger issues of unemployment, inflation and economic growth.

In Year 13, you will develop a deeper understanding of how the forces of demand and supply work and why markets can fail to produce desirable outcomes. Additionally, you will gain a critical understanding of why countries trade, the financial sector and the causes and constraints of economic development.

How am I assessed?

100% Examination

What do I need to study this course?

College Entry Requirements and a Grade B in GCSE Mathematics and English Literature

Where can it lead?

The Confederation of British Industry ranked Economics as the most useful degree subject when seeking employment.



ENGLISH LANGUAGE & LITERATURE

Exam Board: AQA

What will I learn?

In Year 12, you will analyse a range of texts for the examination. One section focuses on an anthology provided by AQA (the theme for this anthology will be linked to a place, such as Paris). This question asks you to consider a range of factors involved in the production of a text, including the ways in which places are presented, the influence of contextual factors, genre conventions and limitations of different media. The other sections include analysis of two set texts, one of which is prose and the other poetry. Possible choices for the prose study include Mary Shelley's 'Frankenstein', 'Dracula' by Bram Stoker and Margaret Atwood's 'The Handmaid's Tale'. The poetry study focuses on a range of poetry from either John Donne, Robert Browning, Carol Ann Duffy or Seamus Heaney. The analysis concentrates on the function of poetic voice in the telling of events and presentation of people. The analysis of all texts in this course is based on both literary and linguistic analysis and includes analysis of spoken language.

In Year 13, you will study one drama text for the examination and complete a piece of transformative writing and commentary within the same exam. The transformation seeks to adapt an existing text, considering an undeveloped aspect of the original text. This could be a text from the viewpoint of another character or re-writing the text for a different audience. The analysis of the drama text asks you to discuss how playwrights present natural speech, character, conflict

and themes as well as how they show characters using language to assert power. The drama text studied is taken from a selection specified by AQA, which include Shakespeare's 'Othello', Arthur Miller's 'All My Sons' and 'A Streetcar Named Desire' by Tennessee Williams. In the coursework folder at A2 level, you are required to submit a personal investigation looking into a theme or specific technique in both literary and non-literary texts

How am I assessed?

80% Examination 20% Coursework

What do I need to study this course?

College Entry Requirements and a Grade B in GCSE English Language and Literature

Where can it lead?

After this A Level, many students go on to read English at university. It can be useful for journalism, teaching and any other career where the ability to write with precision and skill is required.

ENGLISH LITERATURE

Exam Board: AQA

What will I learn?

In Year 12, you will study 'Love Through the Ages' for the examination, where you analyse a range of prose, poetry and drama texts from a variety of time periods linked to the theme of love. These are assessed with three essays in the examination, covering all three genres. The exam includes one question on a Shakespeare text, one on two unseen poems and one comparing two other texts (one poetry and one prose).

In Year 13, the coursework requires you to write a comparative critical study of two texts in a 2,500 word essay. The examination in Year 13 focuses on prose, poetry and drama texts. The examination includes an unseen extract as well as two other essay questions, one of which is comparative. Previous texts studied at A Level include Robert Browning's poetry, Shakespeare's 'Hamlet', 'The Great Gatsby' by F. Scott Fitzgerald, Margaret Atwood's 'The Handmaid's Tale' and 'Top Girls' by Caryl Churchill.

How am I assessed?

80% Examination

What do I need to study this course?

College Entry Requirements and a Grade B in GCSE English Language and Literature

Where can it lead?

Many students go on to study English at university,

either combined with other subjects such as history or philosophy, or other literature based options such as American studies. Careers in English are varied and this A Level provides a strong foundation for a multitude of vocations.

"I feel the English Literature course has enabled me to develop my personal voice. Set texts are studied and discussed in class; however, there is still flexibility surrounding essay titles and additional texts. This gives you more freedom to explore areas of interest to you."

GCE

ENGLISH LANGUAGE

Exam Board: AQA

What will I learn?

In Year 12, the examination will focus on child language acquisition and variations of language in different texts. One question asks you to analyse two texts separately and then compare these. The texts are linked by topic or theme but are from different time periods. The child language acquisition section gives a choice of two questions and requires students to discuss data with a focus on children's reading, speech or multimodal language.

The examination in Year 13 focuses on language diversity (across regions and groups) and language change over time. One section of the exam asks you to complete an evaluative essay on either language diversity or language change. The second section includes analysis of how two texts use language to present ideas, attitudes and opinions about language change and diversity, as well as a writing task linked to the same topic as the previous texts.

The coursework folder includes an individual language investigation of 2,000 words, and a piece of original writing, along with a commentary (totally 1,500 words for both). The investigation can focus on a range of language topics which have been studied throughout the two years of A Level. The original writing focuses or either writing to persuade, entertain or inform and the commentary explains your choices and the effects of these.

How am I assessed?

80% Examination 20% Coursework

What do I need to study this course?

College Entry Requirements and a Grade B in GCSE English

Where can it lead?

This A Level would give a solid foundation for a degree in English Language or Linguistics, and can also lead on to a range of careers, including journalism and teaching.

Hannah Hardy

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GCE

FASHION & TEXTILES

Exam Board: Edexcel

What will I learn?

In Year 12, you will explore a diverse range of experimentation within the medium of textiles. Work produced for this specification will develop creative skills in surface design techniques, digital design, fashion and mixed media approaches. There will be the opportunity to explore materials and techniques through construction, dying and printing. Additionally you will record your observations in the form of drawing and photography as well as researching and responding to contemporary artists. You will then explore your own ideas through developing design ideas and a final piece.

In Year 13, you will develop a deeper understanding of your own textile specialism by selecting a question to answer. This will take place in both written (through an essay) and practical ways (sketchbook). You will explore and research a variety of artists and begin to establish your own ideas and concepts within textiles.

How am I assessed?

60% Coursework 40% Examination

What do I need to study this course?

College Entry Requirements and a Grade C in GCSE Art & Design or GCSE Fashion & Textiles

Where can it lead?

An A Level in Fashion & Textiles can lead to higher education through an Art Foundation Course or directly onto a degree course.

FOOD TECHNOLOGY

Exam Board: Edexcel

What will I learn?

This qualification focuses on the key areas that the food industry has to consider, including quality of food, processing of food, packaging and labelling, nutrition and diet and health and safety.

It aims to develop your knowledge, understanding, skills and applications for designing new food products. You will be given the opportunity to demonstrate your design and technology capability, along with producing food products that are fit for purpose and satisfy needs.

How am I assessed?

60% Coursework 40% Examination

What do I need to study this course?

College Entry Requirements and a Grade B in GCSE Food Technology

Where can it lead?

GCE Food Technology is a course that is relevant to university courses such as Food Technology, Food Science, Dietetics, Nutrition or Consumer Studies. It can also lead to many career opportunities in the food industry.

"It was a fascinating combination, learning about designing and food manufacture."

Alec Bishop





GEOGRAPHY

Exam Board: AQA

What will I learn?

In Year 12, you will investigate the issues associated with a changing population and the many varied geographies of health. You will also investigate how rivers can change the landscape and how we use a range of different environments. You will also have the opportunity to visit the Lake District to develop your Geographical skills.

In Year 13, you will investigate the impacts of tectonic hazards, contemporary conflicts and the role of world cities in an ever increasingly dynamic world. Furthermore you will develop your investigative skills by exploring and evaluating contemporary Geographical issues such as climate change or the search for new sources of energy in fragile environments.

How am I assessed?

100% Examination

What do I need to study this course?

College Entry Requirements and a Grade B in GCSE English and Mathematics

Where can it lead?

A Geography qualification offers you the chance to develop the widest range of transferable skills of any degree and massive choice of employment options. "Geography can be applied to many real life situations making it an ideal choice at AS and A Level. Geography explores both the physical and human elements of our planet. As the world is an ever-changing and dynamic place, Geography at Toot Hill constantly develops and adapts to provide valuable transferable skills for the wider world."

Tom Dodge

GCE HISTORY

Exam Board: AQA

What will I learn?

In Year 12, you will engage in the "Breadth Study", which will give you the opportunity to understand change and continuity over a period of 100+ years.

The "Depth Study" will enable you to focus on key historical concepts including cause, consequence and significance over a short period of time.

In Year 13, the "Historical Investigation" provides a unique and exciting opportunity to develop your skills of enquiry, research analysis and communication.

In all 3 elements of the course you will develop your skills in using and evaluating historical sources.

How am I assessed?

80% Examination 20% Coursework

What do I need to study this course?

College Entry Requirements and a Grade B in GCSE History

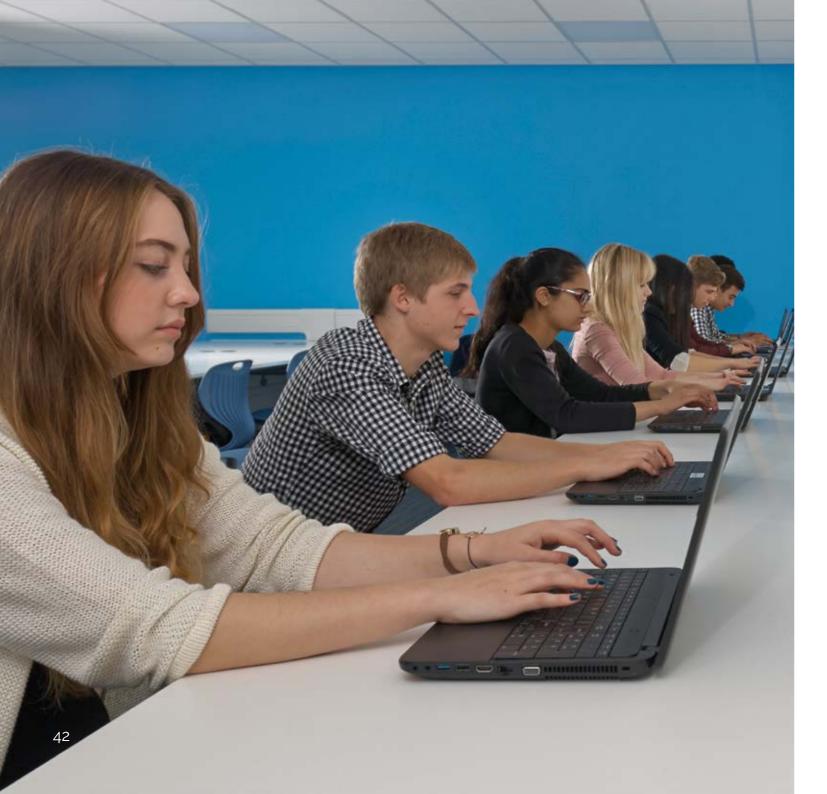
Where can it lead?

A Level History provides an excellent foundation for a wide variety of different careers including Law, Business, Human Resources, Journalism and Teaching. The skills which History develops are those which many employers seek.

"I loved coming to History lessons. We studied a variety of really interesting topics and it taught me to be independent and critical."

Nadia Khalifa





ICT

Exam Board: WJEC

What will I learn?

This course encourages you to become a discerning user of ICT, developing a broad range of ICT skills and knowledge and understanding of ICT.

In Year 12, you will learn to have an understanding of the consequences of using ICT on individuals, organisations and society and of social, legal, ethical and other considerations on the use of ICT.

In Year 13, you will learn an awareness of emerging technologies and an appreciation of the potential impact these may have on individuals, organisations and society.

Over both years you will learn the ability to apply skills, knowledge and understanding of ICT in a range of contexts to solve problems.

How am I assessed?

60% Examination 40% Coursework

What do I need to study this course?

College Entry Requirements and a Grade B in GCSE ICT

Where can it lead?

This course can lead to university courses in Computing, Computer Games Production, Information Systems, Computer Technology, Multimedia, Media Production and Business Information Technology. Typical career paths include technical support, helpdesk, ICT technician, multimedia designer, PC sales support, programmer, IT software trainer, systems analyst, ICT consultant and many more.

"I really enjoy the subject and the teachers are great. I am looking at studying ICT after I leave college and I feel that what I have learnt at Toot Hill will help me in my further education."

Harry Cottee

GCE LAW Exam Board: OCR

What will I learn?

In Year 12, you will study an overview of the English legal system and gain an insight into the process involved in the creation of laws and its continuing development. You will also develop an understanding of aspects of law such as police powers, sentencing and the role of juries.

In Year 13, you will develop an understanding of the physical and mental elements of a criminal act. Also, you will critically examine the need for reform in our criminal justice system. Finally, you will learn about key cases that have helped to define our current system and the points of law that they represent.

How am I assessed?

100% Examination

What do I need to study this course?

College Entry Requirements and a Grade B in GCSE English

Where can it lead?

Studying A Level Law can lead to a career in the legal profession such as a solicitor, a barrister, a legal secretary, a police officer, a criminologist and many more.

"A fascinating insight into the workings of the legal system and its effects on society."

Alex Godley



MATHEMATICS

Exam Board: AQA

What will I learn?

In Year 12, you will cover a range of core topics in pure mathematics, including coordinate geometry, quadratics, polynomials, differentiation, integration, trigonometry, sequences, series, exponential functions and logarithms. You will also study statistics topics such as probability, the binomial distribution, the normal distribution, correlation and regression.

In Year 13, your understanding of pure mathematics will be developed and deepened through studying topics that include further trigonometry, more advanced differentiation and integration, the modulus function, numerical methods, rational functions, partial fractions, parametric equations, exponential growth and decay, differential equations and vectors. You will also study mathematics that supports decision making, including shortest path problems, the travelling salesman problem, graph theory, matchings, algorithms and linear programming

How am I assessed?

100% Examination

What do I need to study this course?

College Entry Requirements and a Grade B in GCSE Mathematics

Where can it lead?

An A Level in Mathematics can lead to degree courses in mathematics, science and engineering. Mathematics is welcomed by employers in industry, commerce, finance and services.

"A Level Maths will teach you to work hard, to think logically and it also teaches values and skills you can use in real life."

Matthew Vowels

FURTHER MATHEMATICS

Exam Board: AQA

What will I learn?

In Year 12, you will cover a range of core topics in further pure mathematics, including complex numbers, matrices, matrix transformations, linear laws, calculus, series, numerical methods, rational functions and conic sections. Applications of mathematics are explored through mechanics and decision support topics. Mechanics will include kinematics, forces, Newton's laws of motion, projectiles and momentum. Decision topics include allocation, network flows, critical path analysis, dynamic programming, the simplex algorithm and game theory.

In Year 13, your understanding of further pure mathematics will be extended and deepened through studying a range of more advanced topics, including further complex numbers, summation of finite series, De Moivre's Theorem, inverse trigonometric functions, hyperbolic functions, limits, polar coordinates and first order and second order differential equations. In your ongoing study of mechanics you will learn about moments and equilibrium, centres of mass, energy, kinematics with variable acceleration, circular motion and the application of differential equations.

How am I assessed?

100% Examination

What do I need to study this course?

College Entry Requirements and a Grade A in GCSE Mathematics (you must also be studying Mathematics at A Level)

Where can it lead?

An A Level in Further Mathematics can lead to degree courses in mathematics, science and engineering. Further Mathematics is welcomed by employers in industry, commerce, finance and services.

"Everything is Maths and if you like Maths that's great. You'll love this – it's amazing!"

Ashleigh Dabell

GCE

MEDIA STUDIES

Exam Board: AQA

What will I learn?

In Year 12, you carry out a cross-media study for an unseen examination. The study will then also be used to inform your coursework. For your coursework, you will produce two media productions from a given brief in two of the three different media platforms. You will also need to write an evaluation of the productions, including a consideration of the use of the third media platform.

In Year 13, you will build on your AS work to examine in more depth the contexts of media production and consumption – why, as well as how, texts are created as they are. In preparation for your A2 exam, you will study two pre-set media topics on at least one of the three media studies platforms. For your coursework, you will produce a media product linked to your research for an individual critical investigation.

How am I assessed?

50% Coursework 50% Examination

What do I need to study this course?

College Entry Requirements and a Grade B in GCSE English (a Grade A*-C in GCSE Media Studies is desirable but not essential)

Where can it lead?

If you are considering a career in journalism, television, film, radio, marketing or advertising, you will find the A Level Media Studies course useful.

"Media Studies gives you the freedom to be creative and learn skills that will be useful in many jobs like creating websites or filming and editing footage."

Beth Wakefield

MODERN FOREIGN LANGUAGES French, German & Spanish

Exam Board: Edexcel

What will I learn?

You will extend and develop your knowledge of the grammar and vocabulary of your chosen foreign language through reading and listening to authentic foreign language materials, ranging from magazines and video clips to films. You will study aspects of the contemporary society, cultural background and heritage of France, Spain or Germany, which will enable you to develop your understanding of European and worldwide current affairs.

You will have the opportunity to take part in exchanges, become a Language Ambassador and get involved in the wider school community by supporting or teaching pupils in younger year groups, organising competitions and enjoying regular trips to the Broadway cinema to see films such as world-wide smash hits, 'Intouchables' and 'Los Amantes Pasajeros' in French, German and Spanish. We will also run a joint trip to Paris with the History department to study the history of the French Revolution. So why not get involved and broaden your horizons?

How am I assessed?

100% Examination

What do I need to study this course?

College Entry Requirements and a GCSE Grade B in the language you wish to study

Where can it lead?

Most of our students go on to university and in the past, students of MFL have secured places at some of the top universities in the country, including the University of Cambridge. Languages can lead to many career paths from business to journalism, teaching to tourism, advertising to sport – the possibilities are endless!

"Like Nelson Mandela said, speaking someone else's language is important as you can really communicate with them. I have loved learning a language at college: I have learnt a lot about the history and culture of the country. A language also looks great on your university application."

Sarah Jones





GCE MUSIC

Exam Board: Edexcel

What will I learn?

The areas of performing, composing and listening are assessed. Performances are recorded and sent for moderation. Compositions take the form of controlled assessments and are marked externally. Listening is assessed in an examination at the end of the course.

In Year 12, you will perform a six-minute recital on instrument or voice at a minimum of a grade 5 standard. A composition will be chosen from one of four briefs. A full score and recording must be submitted. You will be examined on nine set works from different periods in history and in various musical styles.

In Year 13, you will perform a 12-15 minute recital on instrument or voice at a minimum of a grade 6 standard. A composition will be chosen from one of four briefs. A full score and recording must be submitted. You will be examined on twelve set works from different periods in history and in various musical styles. A harmonisation of a Bach chorale will be studied over three hours at the end of the course.

How am I assessed?

100% Examination

What do I need to study this course?

College Entry Requirements and a Grade B in GCSE Music or Grade 5 ABRSM theory and Grade 4 or equivalent standard on an instrument or voice

Where can it lead?

A Level Music can lead to a Music degree at university; courses may include teaching, performing, composing, technology or music history.

"There are a wide range of performance opportunities available to us. We always feel support is at hand and are encouraged to pursue whatever style interests us with regard to performance and composition coursework."

James Shore

PHILOSOPHY & ETHICS

Exam Board: AQA

What will I learn?

In Year 12, you will start by considering some of the big questions in life. Can we know whether God exists or not? Are miracles possible? How did we and the world come into existence? We will investigate both scientific and religious responses and whether they can be compatible. You will also look at ethical theories such as Utilitarianism and Situation Ethics and apply these to a range of different situations. Is it possible to measure pleasure? Can the end justify the means? Is it ethical to torture somebody if it results in saving the lives of others?

In Year 13, you will investigate personal identity; what is it that makes you, you? How is personal identity maintained over time? You will also consider a range of religious theories of what happens when we die; these include Christian, Buddhist and Hindu views. You will learn why evil and suffering is a problem for religious believers and analyse religious attempts to solve this problem. You will develop a deeper understanding of ethical theories and how these impact moral decision making; here the focus will be on decisions regarding medical ethics.

How am I assessed?

100% Examination

What do I need to study this course?

College Entry Requirements and a Grade B in GCSE English (a Grade A*-C in GCSE Philosophy & Ethics is desirable but not essential)

Where can it lead?

Philosophers from Toot Hill College have gone on to a wide range of careers including journalism, medicine, teaching, advertising and working in the public services. Universities accept Philosophy & Ethics as an A Level for a huge variety of courses.

"Your opinions matter! The relaxed atmosphere allows your thoughts to thrive in discussion and debate, without there always being a definitive right or wrong answer. The subject can be challenging at times, but the rewards are definitely reaped, especially when it all 'clicks'!"

Amy Brodie





GCF PHOTOGRAPHY

Exam Board: Edexcel

What will I learn?

In Year 12, you will attend workshops to gain the necessary skills to develop your knowledge and understanding of traditional and contemporary practices. These involve the use of lighting, composition, digital and traditional techniques. Work produced for this specification should form a personal enquiry documented both visual and written within a journal. You will record your ideas and accomplish developmental design ideas towards a final piece.

In Year 13, you will develop a deeper understanding of your own specialist area within photography by selecting a question to answer. This will take place in both written (through an essay) and practical ways (journal). You will explore and research a variety of photographers to understand more complex ideas and produce skilful and independent work.

How am I assessed?

60% Coursework 40% Examination

What do I need to study this course?

College Entry Requirements and a Grade B in GCSE Art & Design (if an Art subject was not taken you will have to provide verification of your current skill level in photography)

Where can it lead?

An A Level in Photography can lead to higher education through an Art Foundation Course or directly onto a degree "Photography has given me the chance to use different types of media including digital and traditional techniques - something other colleges were not offering."

Josh Morley

PHYSICAL EDUCATION

Exam Board: OCR

What will I learn?

In Year 12, you will develop your knowledge of anatomical and physiological factors affecting body and mind readiness. You will further your understanding of the relationship between skill and strategy so as to improve the effectiveness of performance. Furthermore, you will progress your knowledge of the role of physical activity and its impact on young people.

In Year 13, you will examine the historical concepts that led to young people and other societal groups being physically active. You will also gain an understanding of sports psychology factors, such as individual differences and group dynamics that affect participation in physical activity. Additionally you will develop your knowledge and understanding of the measurement and analysis of physical fitness and the ability to apply physiological concepts. Your performance is assessed in one activity and you will complete a video analysis.

How am I assessed?

65% Examination 35% Practical

What do I need to study this course?

College Entry Requirements and a Grade B in GCSE PE

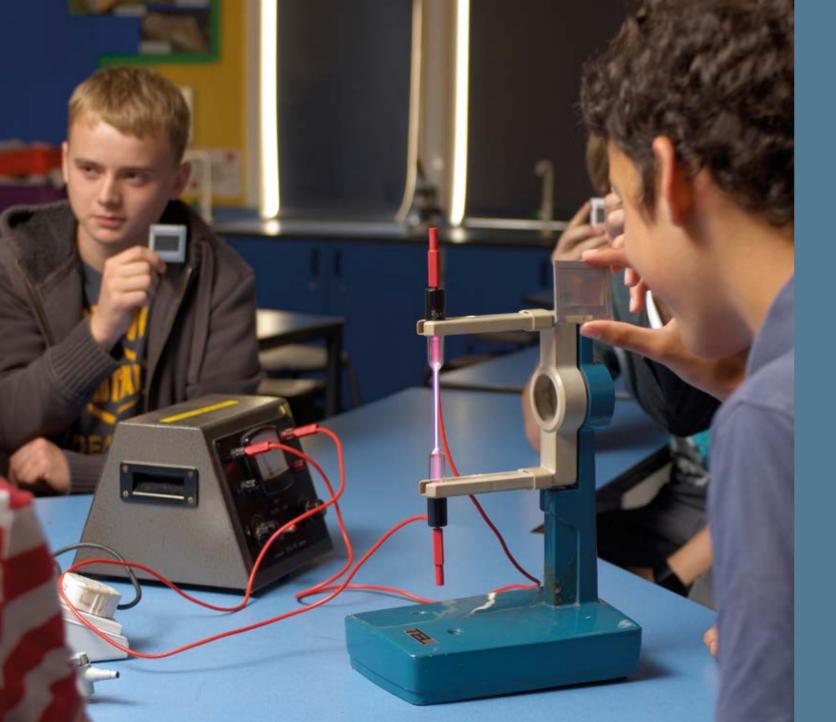
Where can it lead?

Possible career pathways for those with A Level PE include Match Analyst, Nutritionist, Journalist, Sports Development Officer, Physiotherapist and many more.

"The school has supported the development of a number of top class performers, and achieves success in regional and national competitions."

HMI John YoungOfsted PE Inspection





GCE PHYSICS

Exam Board: AQA

What will I learn?

Physics plays a big part in Science, Technology, Engineering and Mathematics. You will learn the basic theoretical principles underlying the subject, where there is a strong emphasis on using these principles to solve problems and answer questions that strike at the fundamental heart of science. The ability to match empirical experiences with mathematical solutions will strengthen your conceptual knowledge and give a deeper understanding of the world around us.

You will learn and develop important investigative skills as you tackle new practical tasks and challenges. Skilful use of equipment will be coupled with powerful analytical and evaluative techniques.

How am I assessed?

100% Examination

What do I need to study this course?

College Entry Requirements and a Grade B in GCSE Mathematics and Sciences

Where can it lead?

This respected qualification is universally valued and allows access to a wide range of careers and further education. These can include Engineering, Medicine, Computer Science, Environmental Science, Geology, Astrophysics and, of course, Physics.

"Not only is the universe stranger than we know – it is stranger than we can imagine."

Chris Rider

2 YEAR COURSE - AS/A2 LEVEL

GCE

PRODUCT DESIGN

Exam Board: OCF

What will I learn?

Product Design is a two-year A Level course that enables you to design and make creative products to solve real-life problems and fulfil design needs.

In Year 12, you will build up your knowledge and understanding of materials, components and their application. You will also have the opportunity to design and make your own product.

In Year 13, you will learn about the design industry, the market influences that designers must consider and the industrial processes involved.

How am I assessed?

50% Coursework 50% Examination

What do I need to study this course?

College Entry Requirements and a Grade C in GCSE Product Design

Where can it lead?

The course is both creative and technical and prepares you effectively for careers in the following: Product Design, Graphic Design, Interior Design, Architecture, Mechanical Engineering, Civil Engineering, Joinery/Cabinet Making, Manufacturing, CAD Draughtsman and many more.

PSYCHOLOGY

Exam Board: AQA

What will I learn?

You will learn about how we can understand individuals via different psychological approaches. You will focus specifically upon gender development and mental processes within the first year. Following these you will develop your psychological understanding with childhood development as well as criminal and forensics

The second half of this course deepens your understanding of the subject by focussing upon some of the key debates within this academic subject, such as that of nature/nurture.

How am I assessed?

100% Examination

What do I need to study this course?

College Entry Requirements and a Grade B in GCSE Sciences

Where can it lead?

An A Level in Psychology can lead to a career as a Psychologist a Forensic Scientist, an Educational Psychologist, a Researcher amongst others.

"Psychology is an in-depth, thought-provoking and challenging insight to the mind."

Millie Dexter

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2 YEAR COURSE - AS/A2 LEVEL

SOCIOLOGY

Exam Board: AQA

What will I learn?

You will be encouraged to think critically about the world we live in. You will explore the idea that people are shaped by society. Specifically you will focus upon the Family and Education system during Year 12. Within these topic areas you will look at aspects such as changes in the modern world and the positive and negative effects of both.

During Year 13, the main focus will be Criminology, looking at different aspects such as research into why people may become criminal and the way society deals with them. This is then developed into our last topic of beliefs, looking at the impact of religion in the modern world such as recent conflicts.

Throughout the course you will learn about the research done in each of the key areas, discussing what the Sociologists have discovered and how they completed their work.

How am I assessed?

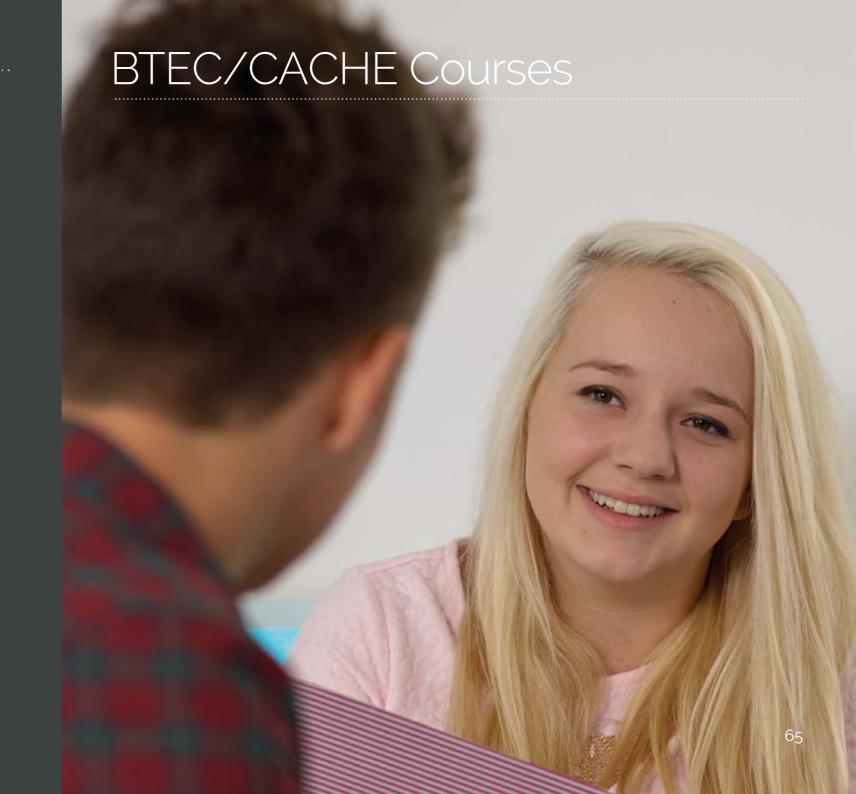
100% Examination

What do I need to study this course?

College Entry Requirements and a Grade B in GCSE English

Where can it lead?

An A Level in Sociology can lead to a number of careers, such as Human Resources, Business, Criminology, the Police Force, Teaching, Research and many more.



BTEC Level 3 Subsidiary Diploma

ICT

Exam Board: Edexce

What will I learn?

This course is a specialist qualification that focuses on particular aspects of employment within the vocational sector. The award offers a qualification that can extend study and provide vocational emphasis. The course provides you with the knowledge, understanding and skills that you need to prepare you for employment. It is broadly equivalent to one GCE A Level and is graded Pass. Merit or Distinction (P. M. D).

Typical units include:

- Communication and Employability Skills for IT
- Computer Systems
- Computer Animation
- Advanced Spreadsheet Skills
- Digital Graphics
- Website Production and Management

How am I assessed?

100% Coursework

What do I need to study this course?

College Entry Requirements and an ICT qualification at GCSE

Where can it lead?

This qualification can lead to career paths such as technical support, helpdesk, an ICT technician, a multimedia designer, PC sales support, a programmer, an IT software trainer, a systems analyst, an ICT consultant and many more.

"I wouldn't be where I am today if it wasn't for the course I studied at Toot Hill College; the course taught me more than I could ever ask for, elements and training which will help me further my career within IT. From this came an apprenticeship, which I wouldn't be able to fully participate in if I did not have the foundation knowledge the course had given me."

James Markwick

BTEC Level 3 Diploma

ICT

Exam Board: Edexcel

What will I learn?

This course is a specialist qualification that focuses on particular aspects of employment within the vocational sector. The award offers a qualification which can extend study and provide vocational emphasis. The course provides you with the knowledge, understanding and skills that you need to prepare for you employment. It is broadly equivalent to two GCE A Levels and is graded Pass. Merit or Distinction (P. M. D).

Typical units include:

- Communication and employability skills for IT
- · Computer systems
- Information systems
- Advanced database skills
- Advanced spreadsheet skills
- Computer animation
- Impact of the use of IT on business systems
- Digital graphics
- Website production and management
- Project planning
- Interactive systems authoring

How am I assessed?

.00% Coursework

What do I need to study this course?

College Entry Requirements and an ICT qualification at GCSE

Where can it lead?

This qualification can lead to career paths such as technical support, helpdesk, an ICT technician, a multimedia designer, PC sales support, a programmer, an IT software trainer, a systems analyst, an ICT consultant and many more.

BTEC Level 3 Subsidiary Diploma / Level 3 Diploma

SPORT

Exam Board: Edexcel

What will I learn?

Our BTEC Sport courses prepare you perfectly for a wide variety of careers in the health & fitness industry. They are valued by colleges, universities and employers across the UK. Through studying multiple units, you will develop a deep understanding of sport and its application in the workplace; from psychology, personal training and physiology to nutrition, performance analysis and injury. You will also add key transferable skills to your CV like organisation, leadership, communication and team work – key skills which universities and employers look for. To compliment your breadth of experience, you will develop a coaching proficiency through your reserved place on the CSLA course and work placements with the PE Department.

How am I assessed?

100% Coursework

What do I need to study this course?

College Entry Requirements and a GCSE PE qualification

Where can it lead?

The diverse range of content and unique focus of transferable skill development means you can progress on to a wide range of Higher Education courses at college or university. Many choose to study subjects related to careers in the health and fitness, coaching and sports development industries. You can also undertake apprenticeships linked to a number of occupations.

"BTEC Sport is a brilliant subject to take if you want to further develop your knowledge of sport. I have learnt so many new skills which is a credit to the course."

Harley Cox

BTEC Level 3 Diploma

APPLIED SCIENCE

Exam Board: Edexcel

What will I learn?

The BTEC Level 3 Diploma in Applied Science provides a vocational approach to the study of the sciences. You will gain knowledge, understanding and skills through a series of work-based assignments involving a large proportion of practical activities.

Year 1 – Core units:

Units covering the fundamentals of applied science

Year 2 – Specialist uni

- Physiology of Human body system
- Microbiological techniques
- Practical chemical analysis
- Chemical laboratory techniques
- Medical physic
- Astronomy

How am I assessed?

100% Coursework

What do I need to study this course?

College Entry Requirements and a Grade C in GCSE Sciences or a Merit grade (or higher) in BTEC Level 2 Applied Science

Where can it lead?

You can progress into employment in a technical or scientific workplace or continue your study in a vocational area.

Previous students have successfully gained university

places on vocational courses such as Nursing, Life Sciences, Sport and Exercise Science, Veterinary Nursing, Food and Nutrition and Primary Education. Others have moved on to apprenticeships with firms such as Rolls Royce.

CACHE Level 3 Diploma

CHILDCARE & EDUCATION

Exam Board: CACHE

What will I learn?

The CACHE Level 3 Diploma in Childcare and Education (EYE) is one of the most recognised qualifications at this level if you wish to go into Early Years Care or Education, with an option of continuing into further study at university.

The Diploma consists of academic and practical elements, with three days spent in college studying theories of care and education and two days spent in placement in an Early Years setting, developing practical employment skills.

How am I assessed?

100% Coursework

What do I need to study this course?

College Entry Requirements

Where can it lead?

Students completing the CACHE Diploma have gone on to employment as Early Years Practitioners in nursery settings, while others have used the UCAS points accredited to secure places at university to study Undergraduate Degrees in Primary Teaching and Childhood Studies.

"Getting to study theories of childcare and education at college and getting to put them into practice in a setting every week has made me feel very confident in my skills. I know this course will help me to reach my goal of working with children."

Grace Francis

ADMISSIONS OFFICE: 01949 863072

APPLICATION FORM 2015

Please complete this form **USING BLOCK CAPITALS**

PERSONAL DETAILS						
Surname:	First Name:	Middle Name(s):				
DOB:		PERSONAL IDENTITY				
Address to which correspondence should be sent to:		How would you describe your ethnic origin or personal identity? (Please tick one)				
		Asian or Asian British Black or Black British				
		Bangladeshi	Black African			
		Indian	Black Caribbean			
		Pakistani	Any other black background			
		Other Asian background				
			Mixed Ethnic Origin			
Postcode:		Chinese	White and Asian			
CONTACT NUMBERS		Chinese	White and Black African			
Home:			White and Black Caribbean			
Work:		White	Any other mixed background			
Mobile:		White British				
E-mail:		White Irish	Other Ethnic Groups			
ADDITIONAL NEEDS/EXTRA SUPPORT		Other white background				
Toot Hill College values all students and acknowledges differe learners. Therefore please answer the following questions:	ences and will support all					
Do you have any specific health/						
medical conditions that we need to know about? (to be discussed at interview)	s No	SCHOOL OR COLLEGE DETAILS				
Do you need support or is your		School/College:				
condition self-managed?	d Supported	Name of Tutor supplying report/reference:				
Do you have additional learning						
need which will require extra	s No	School Telephone No.:				
support? (eg. Dyslexia)		Date from:				
Have you been identified/supported by your school for a particular need?	s No	Date to:				

EXAMINATION DETAILS		EXAMINATION DETAILS							
Subject	Type of Qualification; eg. GCSE / A Level / BTEC:	Year of Exam or completed:	Predicted or achieved grades:	Subject	Type of Qual eg. GCSE / A	lification; Level / BTEC:	Year of Exam or completed:	Predicted or achieved grades:	
Personal Statement: We would like to know more about you; why you would like to do this course and about your plans for the future. Therefore in your own handwriting, please provide further relevant information, including voluntary work, hobbies, interests, sports activities etc. Please complete on a separate sheet and attach to this form.									
PUBLICITY M	ATERIAL – How did you find	d out about To	ot Hill College?						
Already at To	ot Hill School Ne	wspaper/Adve	ertisement	School Ac	lvisor/Tuto	r Car	reers Office/C	onnexions	
Local Radio	Frie	end/Relative		Website		Any	y Other		
EQUALITY									
Toot Hill College positively welcomes students from all communities. Our equality and diversity policy is designed to ensure everyone is treated with respect, irrespective of race, gender, disability, sexual orientation or social class.									
Signature of A	Applicant:	Print N	lame:		[Date:			
PROVISIONAL	L SUBJECT CHOICES								
Level 3 (equiv	ralent to 1 GCE A Level)			Level 3 BTEC Diploma (equivalent to 2 GCE A Levels)					
				Level 3 BTEC	Subsidiary	Diploma (equiva	alent to 1 GCE	A Level)	
FOR COLLEG	E USE								



Toot Hill College

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Website: www.toothillcollege.co.uk

Head of College:

Joel Tomasevic B.A. (Hons) Econ. & Law, P.G.C.E.

Head of School:

Ashfaq Rahman B.Sc. (Hons), P.G.C.E., N.P.Q.H.



Toot Hill College is a member of the Torch Academy Gateway Trust www.torchacademy.co.uk