

The Sixth Form

ESTON PARK GILLBROOK NUNTHORPE

Experience

Working together \* One vision \* Your future

# Prospectus and Course Directory 2012—2013

Sixth Form Collaboration between:

Eston Park School/Gillbrook College/Nunthorpe School

# Induction Programme:

To help the students adapt to sixth form study and find their way around the new state of the art facilities, all students will have to attend an induction programme. This programme has been designed to give the students the best start possible on their chosen pathway of study. Each student will be required to follow this programme before they can commence their studies in the sixth form.

The following activities will make up the induction programme;

- Health and Safety
- Tour of the new facilities
- Student Timetables
- Introductory sixth form briefing
- Motivational/Aspirational seminar
- Visit work placements
- Introduction to personal tutor
- Prioritising and time management seminar
- Stress Management
- Rules and Regulations
- Team Building

There will also be activities during your time as a Y11 student that we would wish you to get involved in. Keep a look out for these, they will include: Taster Lessons, Visits to University, Open Evenings and much more!

# Post 16 Opportunities at TSFE:

The following courses will be available in September 2012\*

Level 3 Courses - AS and A2/BTEC

<b>Advanced Subsidiary (AS)/BTEC Level 3</b>	
<ul style="list-style-type: none"> <li>• Applied Science</li> <li>• Art</li> <li>• Biology</li> <li>• Business Studies</li> <li>• Chemistry</li> <li>• Child Development</li> <li>• Critical Thinking</li> <li>• Drama</li> <li>• Economics</li> <li>• Engineering</li> <li>• English Language</li> <li>• English Literature</li> <li>• French</li> <li>• Further Mathematics</li> <li>• Food Technology</li> <li>• Geography</li> <li>• German</li> <li>• Government and Politics</li> </ul>	<ul style="list-style-type: none"> <li>• Health and Social Care</li> <li>• History</li> <li>• ICT</li> <li>• Law</li> <li>• Mathematics</li> <li>• Media Studies</li> <li>• Music</li> <li>• Music Technology*</li> <li>• Performing Arts</li> <li>• Philosophy and Ethics</li> <li>• Physical Education</li> <li>• Physics</li> <li>• Product Design</li> <li>• Product Design (Textiles)</li> <li>• Psychology</li> <li>• Sociology</li> <li>• Statistics</li> <li>• Travel and Tourism</li> </ul>
<b>Vocational Courses</b>	
<ul style="list-style-type: none"> <li>• Business, ICT and iMedia</li> <li>• Business Language Competence*</li> <li>• Child Development Level 3</li> </ul>	<ul style="list-style-type: none"> <li>• Construction</li> <li>• Sports</li> <li>• Travel and Tourism</li> </ul>

Level 2 Courses - GCSE Level

<ul style="list-style-type: none"> <li>• Child Development</li> <li>• Business and ICT</li> </ul>	<ul style="list-style-type: none"> <li>• Construction</li> <li>• Child Development</li> </ul>
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\*This subject is not currently running and will depend on the student demand.

# Collaboration

Our two sixth form centres provide students with the opportunity to follow their chosen study route on their doorstep. An extensive survey of student requirements has taken place over the last 3 years to ensure the courses we provide for our students are relevant and will help them to progress further in life and reflect the demands of our students' requests.

To ensure we can offer a broad choice of subjects at post 16, collaboration between the three schools of Eston Park School, Gillbrook College and Nunthorpe School has taken place. We also use other local post 16 providers to make sure we can cater, where possible, for all of the learning needs of our young people.

Collaboration plays an important role within a post 16 learning environment. It is impossible to provide for every child's learning needs without it. Therefore, working together as a collaboration as well as with other local education providers, we will buy in expertise for subjects we cannot provide. This may involve travelling to another provider but where possible we will always try and bring the provider to the students.

Collaboration will only be used when necessary and no unnecessary movement between establishments will take place at no cost to our students. Any travel arrangements that have to be made will be organised by the school.

All of the subjects that will be offered at post 16 have been requested by the pupils and are subject to change depending on student numbers applying for the subject. All subjects have a minimum class size requirement, students will be notified by January if subjects are not looking viable.

Please keep a look out for new courses and check with the Head of Sixth Form if there is a course you wish to take but does not appear in the Course Directory. New courses are brought on line every year.

The Collaboration isn't just about studying. While we want you to benefit from some of the best teaching available locally, we also know it's important for you to develop outside of the classroom. Every Wednesday afternoon is dedicated to the an enrichment programme that offers everything from peer mentoring to sporting pursuits. Other options available include the Community Sports Leader Award, work experience, self-generated student clubs and activities, bring your ideas to us for approval.

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# Post 16 Support

At The Sixth Form Experience we recognise that each student is unique and so a personalised support system is in place to cater for the ever changing individual needs of each person.

As part of the pastoral programme students will be given a variety of opportunities which will provide them with the necessary skills and experiences to progress on from the sixth form. A structured pastoral programme will provide the support and guidance every post 16 student will need to be successful and get the most out of their sixth form experience.

The type of activities available to all students will range from:

CVs	Personal Statements	UCAS
Careers programme	Work/life balance	Revision skills
Time management	Workshops/master classes	Managing your finance
Sixth form mentoring	Reading programme	Gifted and Talented
DVLA Safe Drivers	Summer schools	University visits
Work experience	Guest speakers	Sixth form newspaper
Citizenship programme	Sixth form council	Conferences
Literacy	Numeracy	Voluntary work
Community based programmes	Peer Mentoring	Work experience placements
		Student Ambassador programme

In addition to the support programme a personal tutor will act as a mentor to offer advice and guidance to their tutees. The mentors will work with students in areas such as study skills, coursework deadlines, general trouble shooting and making the right choices in the future.

The sixth form will maintain links with the current pastoral systems of houses/tutor groups within each of the three schools without being integral to it. In essence this means that we expect to have students in tutor groups, linked to a House or Form within each of the schools. This will enable students to play a role within the House or Form, support staff and pupils and participate in House/Form trips, visits and activities, whilst enjoying the independence of the sixth form environment. This will give students exceptional opportunities, enhancing their own skills and profile.

Sixth formers will be registered once daily and will assemble for a briefing in the same way that all staff do at least once a week in the sixth form building.

## Sixth form students will benefit from:

- An 'outstanding' pastoral system which focuses around you as an individual.
- Small teaching groups.
- High quality teaching by experienced and well trained staff.
- A personal tutor who will provide a focal point of care, support and guidance.
- Excellent study facilities.
- Regular monitoring of progress involving Assessment Tracking
- Easy access to ICT facilities.
- Community courses.
- Comfortable social area.
- Sound careers and guidance advice.
- Personal help with applications to university, apprenticeship and employment.
- State of the art classrooms.
- A wide choice of enrichment opportunities, including self generated options.

# Student Tracking System (STS):

We believe at The Sixth Form Experience in identifying and addressing issues before they spiral out of control, so a student can be back on track quickly. STS plays a crucial role in us doing this.

This tracking and monitoring system enables the schools to track the progress of each individual student, six times a year, to ensure the students are achieving their full potential. We know our students will value this system of personalised monitoring highly.

The STS will automatically be part of the standard practice within the sixth form to ensure your son/daughter is working as hard as possible and achieving the highest possible grades.

This system runs alongside all other parents' evenings and reporting procedures to ensure your son/daughter receives a first class support service whilst in the sixth form.

The STS focuses on the following areas;

- Overall Attainment
- Attendance
- Punctuality
- Effort
- Homework
- Classwork
- Independent Study

These seven areas form the main structure to achieving success, so we will monitor your son/daughter closely to ensure they are working to the best of their ability.

# Combining Courses:

Your timetable could be made up from several courses which will allow you to access many different combinations of study. Below are some examples of possible timetables.

## Student 1

This student has chosen to study 4 A/S subjects in Year 12 and has then decided to drop one of the subjects to continue with three subjects up to the full A level qualification in Year 13.

<b>Year 1</b>	A/S Art	A/S History	A/S English Lit	A/S ICT
<b>Year 2</b>	A2 Art	A2 History		A2 ICT

At the end of this student's sixth form study, 3 ½ A levels will have been achieved.

## Student 2

This student is a Mathematician and has decided to take 4 A levels.

<b>Year 1</b>	A/S Mathematics	A/S Further Maths	A/S Physics	A/S History
<b>Year 2</b>	A2 Mathematics	A2 Further Maths	A2 Physics	A2 History

At the end of this student's sixth form study, 4 A levels will have been achieved.

## Student 3

This student did not manage to gain entry on to the A level route of study in the first instance. Therefore, a one year course was followed to enable access to A level courses in the second year of study.

<b>Year 12</b>	Child Care CACHE Level 2	English GCSE	Maths GCSE
<b>Year 13</b>	Child Care CACHE Level 3	A/S P.E	A/S ICT
<b>Year 14</b>	Child Care CACHE Level 3		A2 ICT

This student was able to access a vocational A Level, double award course in the second year of study and leave with 3 ½ A levels after 3 years of study.

## Student 4

BTEC Route

<b>Year 12</b>	L3 Child CareBTEC Double Award	L3 Health and Social Care Double Award
<b>Year 13</b>		

At the end of this student's sixth form study, the equivalent of 4 A levels will have been achieved.

**These four patterns of study are just a few of the possible combinations a student can follow.**

# A Typical Day in TSFE:

## A typical A level timetable:

If you decided to study **four** A levels in the sixth form then your timetable would be similar to this one. All subjects have two double periods to enable you to carry out experiments or visit relevant organisations to help you with your research and one single (5 hours of study per subject, per week).

Independent Study periods will appear on your timetable and are to be used to give you much needed time to complete assignments and research information.

Registration still plays an important part of your sixth form timetable as not only will it be used to support you with your studies but also with university applications, curriculum vitae and personal statements. As part of your studies you may be required to take part in teaching and coaching activities and your form period gives you the ideal opportunity to access teachers, pupils and classrooms.

One afternoon a week will be set aside for enrichment. These are activities which are different from your studies to give you more opportunities to try new things, which will support you in your applications for future training, employment or university. It will also be possible to access more qualifications on these afternoons if you wish.

	Monday	Tuesday	Wednesday	Thursday	Friday
Registration	Registration	Registration	Registration	Registration	Registration
Period 1	Chemistry	Biology	Extended Project	English Language	Drama
Period 2	Chemistry	Biology	Y12 Tutorial	English Language	Drama
Break	Break	Break	Break	Break	Break
Period 3	Biology	English Language	Y13 Tutorial	Drama	Chemistry
Lunch	Lunch	Lunch	Enrichment Activity	Lunch	Lunch
Period 4	English Language	Drama		Chemistry	Biology
Period 5	English Language	Drama		Chemistry	Biology

# A Typical Day in TSFE:

## Two typical vocational timetables:

If you decided to study a full-time vocational qualification like “Construction” in the sixth form then your timetable would be similar to the one below. Most of your week will be spent on the construction site working on your chosen area eg plumbing. However, for two days a week you will be in the sixth form centre studying more qualifications to equip yourself properly for the world of work.

Independent Study periods will appear on your timetable and are to be used to give you much needed time to complete homework and research information.

Registration still plays an important part of your sixth form timetable as not only will it be used to support you with your studies but also with university applications, curriculum vitae and personal statements. You will attend a weekly tutorial session where you will follow a structured programme to help you prepare for Higher Education and/or employment.

One afternoon a week will be set aside for enrichment if you are not retaking Maths GCSE. These are activities which are different from your studies to give you more opportunities to try new things. It will also be possible to access more qualifications on these afternoons if you wish.

	Monday	Tuesday	Wednesday	Thursday	Friday
Registration	Registration	Registration	Registration	Registration	Registration
Period 1	Chemistry	Sport	Extended Project	Sport	Psychology
Period 2	Chemistry	Sport	Y12 Tutorial	Sport	Psychology
Break	Break	Break	Break	Break	Break
Period 3	Sport	Sport	Y13 Tutorial	Psychology	Chemistry
Lunch	Lunch	Lunch	Enrichment Activity	Lunch	Lunch
Period 4	Sport	Psychology		Chemistry	Sport
Period 5	Sport	Psychology		Chemistry	Sport

	Monday	Tuesday	Wednesday	Thursday	Friday
	Construction	Construction	Registration	Registration	Construction
Period 1			English	Key Skills L1/2	
Period 2			English	Key Skills L1/2	
Break			Break	Break	
Period 3			Tutorial/Mentoring	Key Skills L1	
Lunch			Lunch	Lunch	
Period 4			Maths/Enrichment	Independent Study	
Period 5			Maths/Enrichment	Independent Study	

# Entry Requirements:

Each qualification has its own entry requirements. The purpose of this is to ensure students choose the right level of qualification to suit their learning abilities. You do not have to choose TSFE to continue your studies. If you do we will demand the very best from you to achieve your full potential.

The main entry requirements to study at TSFE are;

**Having the right attitude towards learning.**

- Excellent attendance.
- Excellent punctuality.

Each individual qualification has its own entry requirement so you will have to check carefully to ensure you meet the strict criteria to access the course.

**If you are wishing to study A levels in the sixth form then you must have achieved a minimum of 5 A\* - C grades, it is also strongly advised that you have a grade A or B in the subjects you may wish to study (this is not mandatory for most subjects).**

## **GCSE re-sit Examinations**

If you did not achieve a grade C or above in English Language or Mathematics, you will have the opportunity to re-sit these examinations in the sixth form.

If you achieved a grade D in any of the two subjects available you will be able to access an immediate re-sit class.

If you achieved a grade E or below in these subjects then you will be offered key skills or functional skills at Level 1 and 2.

For further information on entry requirements, please contact the Head of Sixth as below:

Mr R Armstrong  
Head of Sixth Form  
Eston Park School  
Normanby Collaborative Centre  
01642 447090

Ms H Jackson  
Head of Sixth Form  
Nunthorpe School  
Nunthorpe Collaborative Centre  
01642 304550



# Qualification Levels:

## Level 1 Qualifications

Level 1 qualifications are aimed at students who have achieved a grade E or below in their GCSE's. This type of qualification takes the form of a more hands on learning approach where students will learn new skills to help them gain employment at the end of the course. The name given to the types of qualification that falls under this level is 'Vocational Education'.

## Level 2 Qualifications

Level 2 qualifications are aimed at students who achieved mostly D grades in their GCSE's. These courses provide the student an opportunity to specialise in a subject they may wish to pursue as a career. These qualifications are normally called 'Diplomas' and are equivalent to 4 GCSE grades at C or above on completion. You can also study 'Vocational Courses' at level 2 which have been a natural progression from level 1. For many students, once they have achieved their 'Diploma', they may be ready to start Level 3 courses.

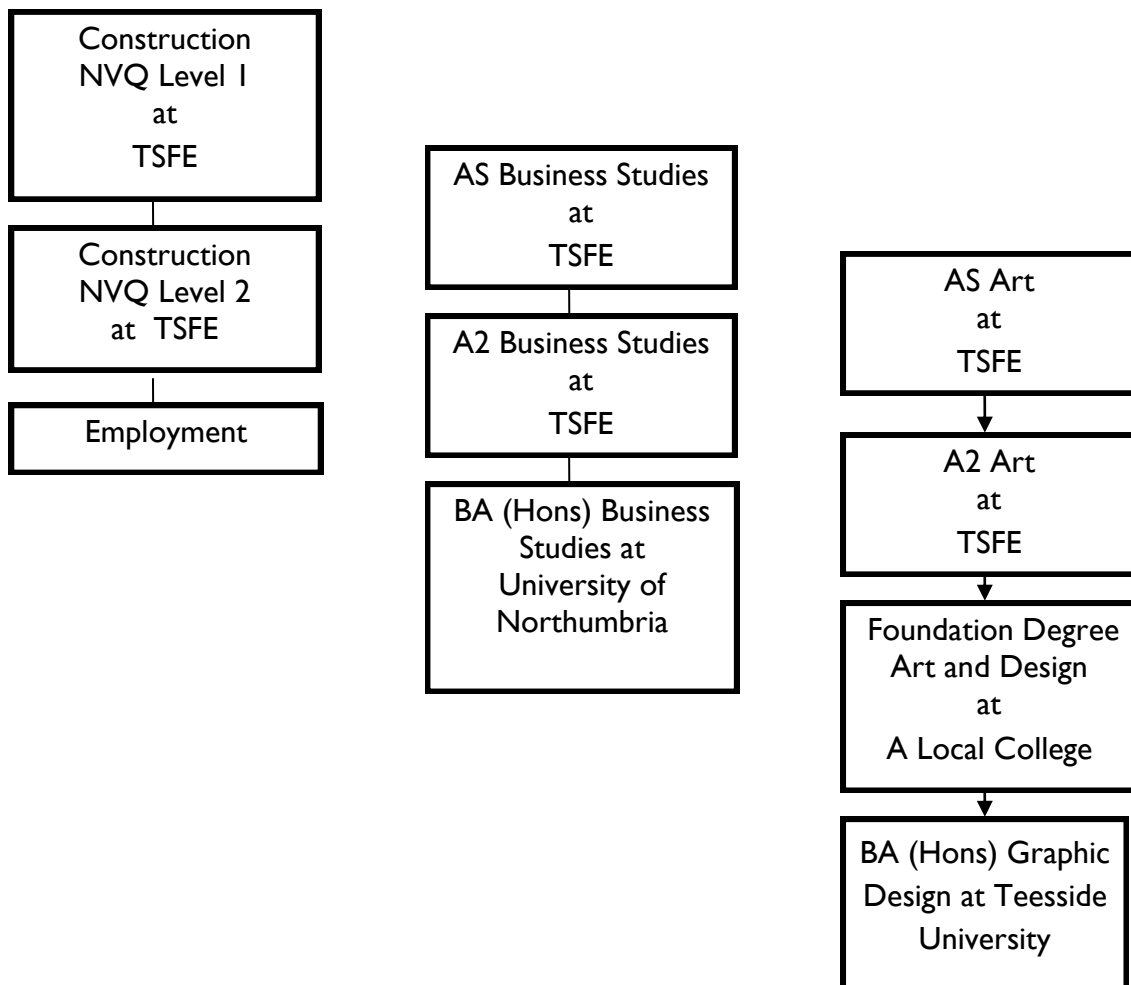
## Level 3 Qualifications

Level 3 qualifications come in two main pathways. Students who follow these pathways of learning usually achieve 5 A\*, A, B or C grades at GCSE. The traditional AS and A level route can lead either straight into employment or to university. The Vocational A level route offers learners who prefer a more hands on approach to learning the same progression routes as a traditional A level student. Vocational A levels eg BTEC/CACHE courses allow the learner to specialise more in their chosen subject and are assessed mostly by coursework assignments.

## Learning Pathways at 18:

We have close links with the local surrounding colleges and universities so our Post 16 students are provided with a clear pathway of progression onto the next stage of their learning/training.

An example of three different learning pathways are below:



There are many pathways to follow after your Post 16 studies are complete and the examples given above are just three of the ways you can progress in the future.

## Post 16 Enrichment:

As part of a student's guided learning hours, students are required to complete 2 hours per week of enrichment (this does not have to be completed on a Wednesday afternoon). Students may generate their own placements.

Post 16 students have the opportunity to participate in a range of activities to broaden their horizons and community based experiences.

These are just some of the opportunities:

- Community Volunteers
- Community Sports Leadership Qualifications
- Sports Teams
- Peer Mentoring
- University Visits
- Raising money for charities
- Cultural Trips
- Post-16 Basketball team
- Work Experience Placements
- Working with younger students
- First Aid Qualifications
- The Extended Project
- Citizenship
- Youth Fitness Programme

For more information see the  
Enrichment Booklet

# A Level Applied Science

<b>Entry Requirements:</b>	There are no formal entry requirements. However, we would normally expect you to have gained at least a grade C or equivalent in Science and a C in English and Maths. You must be prepared to work hard and effectively. You have to be willing to take on the responsibility of managing your workload well to succeed on this course.	
<b>Course Content:</b>	<p>Applied Science is a course that will allow you to study how science is applied in many different types of professions and industries. The focus of the course is scientific usage, concentrating on how scientists and others use science in their work. During the course you will be given the opportunity to visit scientific workplaces and meet people who use science on a daily basis. You will also learn how science contributes to our lifestyle and the environment in which we live.</p> <p>The course structure below is a guide to give you a sample of the kind of units that will be on offer.</p>	
<b>AS Level</b>	Unit 1 –Investigating Science at Work Unit 2 – Energy Transfer Systems Unit 3 – Finding out about substances  Unit 1 and 3 are assessed through the completion of a portfolio and unit 2 is examined.	<b>A Level</b>
		Unit 7 – planning and carrying out a scientific investigation 2 other modules to be confirmed
<b>Progression into careers via:</b>	Applied Science forms the basis for further study of Science at degree level, particularly vocational degrees such as physiotherapy, nursing and sports science. As well as further study at degree level Applied Science leads into many job opportunities including those in the police force, armed forces and laboratory sciences.	
<b>Length of Course:</b>	AS 1 year - progression into A2 for a further year is dependent on AS results	
<b>Examination Board:</b>	AQA	
<b>Periods Per Week:</b>	5 Hours per week	

For further information, please contact: Carolyn Yule (carolyn.yule@estonpark.co.uk)

## Art and Design AS and A Level:

<b>Entry Requirements:</b>	Any Art, Design and/or Textiles qualification grade B or above. Consideration may be given to students wanting to be accepted on the course, who cannot meet this requirement on the strength of submission of a strong portfolio, interview and probationary period.								
<b>Course Content:</b>	<p>Candidates are required to work in two or more of the following areas of Art, Craft, and Design, and then explore any others;</p> <ul style="list-style-type: none"> <li>• Fine Art</li> <li>• Graphic design</li> <li>• Textiles</li> <li>• Three-Dimensional Design</li> <li>• Photography</li> </ul> <p>Students can specialise in one of the above endorsements.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 70%;">Unit 1 AS Portfolio</td> <td style="text-align: right;">ARTA1</td> </tr> <tr> <td>Unit 2 AS Externally Set Assignment</td> <td style="text-align: right;">ARTA2</td> </tr> <tr> <td>Unit 3 AS Personal Investigation</td> <td style="text-align: right;">ARTA3</td> </tr> <tr> <td>Unit 4 AS Externally Set Assignment</td> <td style="text-align: right;">ARTA4</td> </tr> </table>	Unit 1 AS Portfolio	ARTA1	Unit 2 AS Externally Set Assignment	ARTA2	Unit 3 AS Personal Investigation	ARTA3	Unit 4 AS Externally Set Assignment	ARTA4
Unit 1 AS Portfolio	ARTA1								
Unit 2 AS Externally Set Assignment	ARTA2								
Unit 3 AS Personal Investigation	ARTA3								
Unit 4 AS Externally Set Assignment	ARTA4								
<b>Progression into careers via:</b>	Art and Design studies are chosen not only by those seeking an art career, but also by those who wish to develop their potential in this area as an additional study. Careers in Art and Design are varied, but all are concerned with improving the man-made environment, for example book design and illustration, furniture and interiors, TV graphics, video, fabrics and countless other items of everyday use. 'A' Level studies are the desired and logical route to higher education in Art and Design, as recommended by the Art Colleges; those interested in architecture and some forms of engineering and media should also consider the course.								
<b>Further Information:</b>	Students need to be talented, creative, imaginative, original thinkers who are, self motivated, aspiring independent learners. Able to: plan and prioritise, assess and evaluate product and process, research, investigate and analyse. Able to: able to chronicle their coursework in a sketch book journal, demonstrating their understanding through visual and written communication, and their skills through observation drawing, colour techniques, and use of various media.								
<b>Length of Course:</b>	<b>A1</b> One-year, which can be extended to the full A Level by completing the second year. <b>A2</b> Two years.								
<b>Examination Board:</b>	AQA GCE Art and Design (2200) AS and A2								
<b>Periods Per Week:</b>	5 Hours per week + 5 hours Independent Learning Activities								

For further information, please contact:

Emma Jones ([emma.jones@estonpark.co.uk](mailto:emma.jones@estonpark.co.uk))



# Biology AS and A2 Level:

<b>Entry Requirements:</b>	It is recommended that candidates have achieved at least two grade B qualifications in GCSE science. GCSE Mathematics at grade C or above is also advisable.
<b>Course Content:</b>	The course we follow is Advanced Biology, developed in conjunction with the Institute of Biology and examined by OCR. It is a newly revised course that has been updated and restructured in order to appeal to a broad spectrum of students.
<p><b>AS Level – Year 1</b>            Unit F211: Cells, Exchange and Transport            30% of AS Level/15% A2            1 hour exam (written paper)</p> <p>Unit F212: Molecules, Biodiversity, Food and Health            50% of AS Level/25% A2            1 hour 45 minutes exam (written paper)</p> <p>Unit F213: Practical Skills in Biology            20% of AS Level/10% A2            Coursework</p>	<p><b>A2 – Year 2</b>            Unit F214: Communication, Homeostasis and Energy            15% of the total A2 marks            1 hour written paper</p> <p>Unit F215: Control, Genomes and Environment            25% of the total A2 marks            1 hour 45 min written paper</p> <p>Unit F216 Practical Skills in Biology 2            10% of the total A2 marks            Coursework</p>
<b>Progression into careers via:</b>	Biology is very desirable and a considerable advantage if you wish to study any science or medically related degree at university. It is also an ideal complementary subject for those students who are studying Chemistry at an advanced level as it will reinforce similar skills.
<b>Further Information:</b>	Biology is an accessible, stimulating and fascinating subject to study at an advanced level. Any science qualification proves your ability to process complex ideas and apply them to a rapidly changing world and A level Biology is no exception. It is an exciting time to be studying such a rapidly evolving subject and if you would like to further your understanding of the issues behind the headlines then Biology A Level will enthuse and motivate you.
<b>Length of Course:</b>	<b>AS</b> One-year, which can be extended to the full A Level by completing the second year. <b>A2</b> Two years.
<b>Examination Board:</b>	OCR A level Biology: H421 (AS level: H021)
<b>Periods Per Week:</b>	5 Hours per week

For further information, please contact: James Peart (jpeart@nunthorpe.co.uk)

# Business Studies AS and A2 Level:

<b>Entry Requirements:</b>	It is recommended that candidates have achieved at least a grade C in English Language, Maths and GCSE Business or BTEC Business.
<b>Course Content:</b>	This course is examined by OCR and encourages students to develop a critical understanding of organisations, the context in which they operate, the markets they serve and the process of adding value through a problem solving approach to study.
<p><b>AS Level – Year 1</b>  <b>An Introduction to Business</b>            Students gain an appreciation of the nature of business, learn how businesses can be classified, see what the objectives of business may be and consider other influences on business.</p> <p><b>Business Functions</b>            Students gain an appreciation of different aspects of business including the marketing function, the role of accounting and finance, issues relating to people within organisations and the principles of operations management.</p>	<p><b>A2 Level – Year 2</b>  <b>Strategic Management</b>            Students will appreciate how business objectives and strategy are formulated and applied. Students will also appreciate issues relating to business analysis. A range of external influences will be considered as well as how organisations deal with change.</p> <p>In addition, students will study <b>one</b> of the following: Marketing, Accounting, People in Organisations or Business Production.</p>
<b>Progression into careers via:</b>	Further (degree) study of Business, Business Computing, Management, Marketing, Human Resources, Strategy. Management training programmes with national organisations. The course will give students specialised business skills to progress to any university degree or career they wish.
<b>Length of Course:</b>	<b>AS</b> One-year, which can be extended to the full A Level by completing the second year. <b>A2</b> Two years.
<b>Examination Board:</b>	OCR Advanced Subsidiary GCE in Business Studies (H030)
<b>Periods Per Week:</b>	5 Hours per week

For further information, please contact:

Mark Hassack (mark.hassack@estonpark.co.uk)  
 Denise Jeffery (djeffery@nunthorpe.co.uk)

# National Award in Business/ National Certificate in ICT Level 2:

<b>Entry Requirements:</b>	You will need to have a genuine interest in Business and ICT but there are no formal entry requirements. The course will require all students to take part in a work placement in a local company and to participate in a variety of learning styles which will include presentations, role plays and group activities. You will need to have the right attitude towards learning and be willing to get involved in all activities.
<b>Course Content:</b>	You will be required to complete the following units:
	<ul style="list-style-type: none"> <li>• Investigating Business</li> <li>• Communication in Business</li> <li>• Work Experience in Business/ICT</li> <li>• ICT Skills for Business</li> <li>• Design and Produce Multimedia Products</li> <li>• Desktop Publishing</li> <li>• Digital Imaging</li> <li>• Technological Innovation and E-Commerce</li> </ul> <p>Students who successfully complete this course can progress onto our Level 3 course in Business and i Media . It will help develop candidates' skills, knowledge and understanding in contexts that are directly relevant to employment .</p>
<b>Grading of the course:</b>	This is taught as one integrated course and is equivalent to 6 GCSE's at Grade C.
<b>Further Information:</b>	20 hours per week.
<b>Length of Course:</b>	This is a one year course
<b>Examination Board:</b>	06329 – OCR National Award in Business 06276 – OCR National Certificate in ICT
<b>Periods Per Week:</b>	20 Hours per week

For further information, please contact: Janet Davison ([janet.davison@estonpark.co.uk](mailto:janet.davison@estonpark.co.uk))

# Chemistry AS and A2 Level:

<b>Entry Requirements:</b>	GCSE Science / GCSE Chemistry – Grade A* - B GCSE Mathematics – Grade A* - B
<b>Course Content:</b>	We aim to explain the world from the properties of atoms, molecules and chemical bonds. If you enjoy scientific study and practical work and are happy to combine imaginative and critical thinking, then chemistry could be for you. In lessons you will be using varied skills. You might be drawing 3D structures, calculating energy changes or measuring liquids with a precision of one drop. Learning will be through class discussions, individual research, group work and practical work.
<b>AS level – Year 1</b> Unit 1: Atoms, Bonds and Groups (30% of total AS marks, examined) Unit 2: Chains, Energy and Resources (50% of total AS marks, examined) Unit 3: Practical Skills in Chemistry 1 (20% of total AS marks, 3 practical activities carried out in school)	<b>A2 level – Year 2</b> Unit 4: Rings, Polymers and Analysis (15% of total A level marks, examined) Unit 5: Equilibrium, Energetics and Elements (25% of total A level marks, examined) Unit 6: Practical Skills in Chemistry 2 (10% of total A level marks, 3 practical activities carried out in school)
<b>Progression into careers via:</b>	Chemistry is a prestigious A level which can lead to a wide variety of university degree courses and careers. Chemistry is crucial for chemistry degrees, medicine, veterinary science and pharmacy, and also often leads to a future in engineering, dentistry, teaching, environmental science, law, patent work, forensics and finance among many others.
<b>Further Information:</b>	See <a href="http://www.ocr.org.uk/qualifications/subject/chemistry">www.ocr.org.uk/qualifications/subject/chemistry</a> and click on “Chemistry A”.
<b>Length of Course:</b>	<b>AS</b> One-year, which can be extended to the full A Level by completing the second year. <b>A2</b> Two years.
<b>Examination Board:</b>	OCR Advanced Subsidiary GCE in Chemistry A (H034)
<b>Periods Per Week:</b>	5 Hours per week

For further information, please contact:

Brian Casson ([brian.casson@estonpark.co.uk](mailto:brian.casson@estonpark.co.uk))

# CACHE Level 3 Diploma in Children's Care, Learning and Development.

<b>Entry Requirements:</b>	You will be expected to have a genuine interest in working with children and have a commitment to hard work. There are no formal entry requirements but we would have expected you to have achieved grades C and above in your GCSE's. Much of the responsibility of organising the work will be your own. You have to be willing to take on this responsibility and to take part in a large work experience programme.
<b>Course Content:</b>	<p>Child Care, Learning and Development is a work related qualification designed to offer you a choice of routes into higher education and employment. Child Care, Learning and Development is a qualification for people who wish to follow careers in the caring services for children up to the age of 19. It is designed to help learners build the knowledge and skills needed when working with children and young people.</p> <p>Upon completion you would achieve the equivalent to A level courses</p> <p>This course will include a large element of work experience.</p> <p>The course is 100% coursework based and is internally assessed.</p> <p>The course is made up of both mandatory and optional units. 16 mandatory units must be completed totalling 49 credits. A further 3 optional units must be studied to complete a total of 65 credits.</p> <p>A sample of the units which will be studied are listed below :</p> <ul style="list-style-type: none"> <li>Understand child and young person development</li> <li>Promote child and young persons development</li> <li>Promote communication in health, social care or children and young persons settings</li> <li>Working together for the benefit of children and young people</li> <li>Professional practice in early years settings</li> <li>Promote creativity and creative learning in young children</li> </ul>
<b>Progression into careers via:</b>	This qualification helps you to go onto higher level qualifications such as degree courses, or you can go straight into work. It can prepare you for a range of careers in Child Care such as working in a playgroup, Care worker, Creche, Day Nursery or as a Nanny or Careers in Education, Teaching or, Nursing.
<b>Length of Course:</b>	A one year full time course .
<b>Examination Board:</b>	CACHE Level 3 Diploma Children's Care, Learning and Development QRN 50/1024/x
<b>Periods Per Week:</b>	40+ Hours per week

For further information, Julie Ivison (jivison@nunthorpe.co.uk)  
please contact:

## Certificate in Basic Construction Skills, City & Guilds 6218 and Level 1 Diploma in Construction

<b>Entry Requirements:</b>	You will be expected to have a genuine interest in working in the construction industry and have a commitment to hard work. There are no formal entry requirements but we would have expected you to have achieved D/E grades in your GCSE's.
<b>Course Content:</b>	<p>The City and Guilds 6218 Certificate in basic construction skills introduces you to a variety of construction trades and will help you build good understanding of construction, whilst helping you develop a good range of skills which you can use in future employment. You will also be able to use this qualification to allow you to decide on what trade you prefer to take when you progress to the level 1 diploma.</p> <p>The level 1 diploma will take you skills to the next level and be specific to the trade that you have chosen, the specific trades that you will have available to progress to are:</p> <ul style="list-style-type: none"> <li>• Painting and Decorating</li> <li>• Plastering</li> </ul> <p>Carpentry and joinery</p> <p>All training is delivered within Learning Curve Skill Centres facilities and during the courses you will be tested through a phase test where you will have to complete a specific task, to a required standard and within a set timescale. There will also be course work during the whole of the course. Running alongside this course will also be a NCFE Level 2 employability course, this will help you prepare for employment.</p>
<b>Progression into careers via:</b>	<p>This qualification helps you to go onto higher level qualifications such as a Level 2 Diploma or NVQ in your trade or even a apprenticeship placement with a local employer.</p> <p>You could also continue the following year into a level 2 Diploma in your trade specific subject.</p>
<b>Length of Course:</b>	One year. Which can be extended onto a level 2 course.
<b>Examination Board:</b>	City and Guilds, Cskills and NCFE
<b>Periods Per Week:</b>	20+ Hours per week
For further information, please contact: Kate Kell (kkell@nunthorpe.co.uk)	

## Edexcel BTEC Level 3 Subsidiary Diploma in Creative Media Production

<b>Entry Requirements:</b>	It is recommended that Candidates should have achieved at least 5 GCSE A*-C. Students will need to have achieved at least a C in ICT.
<b>Course Content:</b>	The BTEC course is the equivalent to an A Level and is designed develop skills for the Media/ICT industry. Assessment is 100% coursework and is graded at a pass, merit or distinction. Overall, candidates will need to complete 60 credits from a variety of units. 20 credits are completed through Mandatory units and the rest is covered through Optional Units.
<b>MANDATORY UNITS:</b>	<b>OPTIONAL UNITS</b>
Unit 1 Pre- Production Skills	Unit 19 Digital Graphics for Interactive Media
Unit 2- Communication	Unit 58 DVD Menu Design and Authoring
Unit – Research	Unit 59 Web Authoring
	Unit 65 Web animations or Unit 61 Interactive Media Design.
<b>Progression into careers via:</b>	The course allows students to progress in ICT and/or Media. They will have developed skills that can be used in Industry or Students can go on to any Media/ICT/Graphic Design course at Higher Education.
<b>Further Information:</b>	iMedia offers a great opportunity to study ICT and Media in a practical way and develop a range of skills in professional packages such as Adobe Flash and Dreamweaver. This course is based around a number of scenarios that emulate those in a professional environment .
<b>Length of Course:</b>	Two Years
<b>Examination Board:</b>	Edexcel BTEC Level 3 Subsidiary Diploma in Creative Media Production (Interactive Media) (QCF)
<b>Periods Per Week:</b>	5 Hours

For further information, please contact: Samantha Herron (sam.herron@estonpark.co.uk)

# Drama and Theatre Studies

## AS and A2 Level:

<b>Entry Requirements:</b>	No formal entry requirements will be needed for this subject beyond those to study at Level 3. Some previous experience of performing would be desirable but not essential.
<b>Course Content:</b>	At both AS and A2, candidates are required to develop: <ul style="list-style-type: none"> <li>• The ability to form judgements about live theatre based on their understanding of drama and theatre.</li> <li>• Skills in the use of subject-specific terminology in a range of contexts</li> <li>• Performance and/or production skills appropriate to the creation and realisation of drama and theatre.</li> <li>• The ability to work creatively and collaboratively to achieve shared dramatic intentions.</li> <li>• The ability to respond to plays imaginatively conveying ideas clearly and coherently.</li> </ul>
<p><b>A/S Level – Year 1</b></p> <p>Unit 1 Written – Live Theatre Production Seen and Prescribed Play 1½ hours 100 marks 60% of the total AS marks 30% of the total A Level marks</p> <p>Unit 2 Practical – Presentation of an Extract from a Play 80 marks 40% of the total AS marks 20% of the total A Level marks</p>	<p><b>A Level – Year 2</b></p> <p>Unit 3 Written – Further Prescribed Plays including Pre-Twentieth Century 2 hours 100 marks 30% of the total A Level marks</p> <p>Unit 4 Practical – Presentation of Devised Drama 80 marks 20% of the total A Level marks</p>
<b>Progression into careers via:</b>	A Level Drama and Theatre Studies offer a focused programme of study for those who wish to pursue a career in theatre.
<b>Length of Course:</b>	<b>AS</b> One-year, which can be extended to the full A Level by completing the second year. <b>A2</b> Two years.
<b>Examination Board:</b>	AQA
<b>Periods Per Week:</b>	5 Hours per week

For further information, please contact: Alan Widdrington (widdringtona@gillbrook.org.uk)

# Economics AS and A2 Level:

<b>Entry Requirements:</b>	A minimum of five GCSE passes at Grade C or above including English Language and Maths. The ability to work independently is essential.		
<b>Course Content:</b>	<p>This course aims to provide you with an understanding of economics and current affairs as they apply to industry:</p> <ul style="list-style-type: none"> <li>• Nature of economics, scarcity of resources and demand and supply</li> <li>• Economic performance measures and economic growth</li> <li>• Business objectives and market structure</li> <li>• International trade and globalisation</li> </ul>		
<p>You will need commitment and an ability to work independently, as the course involves a great deal of theory and so you must be willing to read around the subject. The specification also requires students to select, interpret and evaluate different types of data from multiple sources—so analytical skills would also be beneficial. This is a demanding course that develops your skills in both speech and writing – skills that are extremely important to both universities and employers. This subject combines well with most AS/A2 subjects, in particular Business Studies and Law.</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p><b>AS Level – Year 1</b></p> <p>Unit 1 Markets and market Failure</p> <p>Unit 2 The National Economy</p> </td> <td style="width: 50%; vertical-align: top;"> <p><b>A2 Level – Year 2</b></p> <p>Unit 3 <b>Business Economics and the Distribution of Income</b></p> <p>Unit 4 <b>The National and International Economy</b></p> </td> </tr> </table>		<p><b>AS Level – Year 1</b></p> <p>Unit 1 Markets and market Failure</p> <p>Unit 2 The National Economy</p>	<p><b>A2 Level – Year 2</b></p> <p>Unit 3 <b>Business Economics and the Distribution of Income</b></p> <p>Unit 4 <b>The National and International Economy</b></p>
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<b>Progression into careers via:</b>	Economics will provide an excellent preparation for anyone considering a career in business or politics; or looking to start their own business. It is also a well-respected qualification for entry into employment post-18 or application to University.		
<b>Further Information:</b>	<p>You should consider this course if you have:</p> <p>An interest in economics, politics and current affairs/A logical mind/A high standard of literacy – there is a considerable amount of reading and writing in AS Level Economics, so you will need at least a grade C in English GCSE. A high degree of self-motivation. You will be expected to complete a considerable amount of personal study in order to achieve a reasonable grade.</p>		
<b>Length of Course:</b>	<p><b>AS</b> One-year, which can be extended to the full A Level by completing the second year.</p> <p><b>A2</b> Two years.</p>		
<b>Examination Board:</b>	AQA Economics		
<b>Periods Per Week:</b>	5 Hours per week		

For further information, please contact:

Denise Jeffery (djeffery@nunthorpe.co.uk)



## OCR Certificate in Business Language Competence:

<b>Course Content:</b>	<p>The Certificate is available at Entry Level, Level 1, Level 2 and Level 3.</p> <p>The OCR Certificate in Business Language Competence has been designed to provide students with the opportunity to develop their skills in using a foreign language in a business context. It will be available in French, German and Spanish. The qualification has been designed to assist students in progressing towards further vocational studies.</p> <p>The elements of certification allow for a unit based approach which allows students to work towards individual elements as stepping stones to a full award.</p> <p>The elements consist of Reading, Listening, Writing and Speaking and the degree of challenge ranges from basic to advanced, depending upon the chosen Level.</p>
<b>Length of Course:</b>	The course would be delivered over 1 year, with the option of progressing to the next level the following year. This course provides students planning to work in business, with an invaluable skill in today's Global Economy.
<b>Examination Board:</b>	OCR
<b>Periods Per Week:</b>	5 Hours per week

For further information, please contact: [Caroline Birtill \(cbirtill@nunthorpe.co.uk\)](mailto:cbirtill@nunthorpe.co.uk)

# English Language AS and A2 Level:

<b>Entry Requirements:</b>	A minimum of five GCSE passes at Grade C or above including English or English Literature preferably at grade B or above. The ability to work independently is essential.
<b>Course Content:</b>	<p><b>AS Level</b></p> <p>Unit 1 Categorising texts – Exam – introductory aspects to the study of language. In addition it focuses on three specific social contexts: Language and Power, Language and Gender and Language and Technology.</p> <p>Unit 2 Creating Texts - Coursework – candidates produce writing in different genres and for different purposes and audiences.</p> <p><b>A2 Level</b></p> <p>Unit 3 Developing Language – Exam – detailed focus on two specific areas of language study: Child Language Acquisition and Language Change.</p> <p>Unit 4 Investigating Language – Coursework – candidates apply their knowledge of linguistic methods and concepts to an investigation of their choice.</p>
<b>Progression into careers via:</b>	A qualification in English Language gives access to a wide range of courses at degree level, particularly the Arts, Humanities and Communication-based subjects, with its emphasis on spoken and written expression, theoretical knowledge of language and creativity. English Language is a highly regarded qualification and one of the fastest growing subjects at A level. It is welcomed for many careers, in particular journalism, advertising, media, teaching, human resources, etc.
<b>Length of Course:</b>	<p><b>AS</b> One-year, which can be extended to the full A Level by completing the second year.</p> <p><b>A2</b> Two years.</p>
<b>Examination Board:</b>	AQA English Language specification B
<b>Periods Per Week:</b>	5 Hours per week

For further information, please contact:

Mike Smith (mike.smith@estonpark.co.uk)

# English Literature AS and A2 Level:

<b>Entry Requirements:</b>	A minimum of five GCSE passes at Grade C or above including English or English Literature preferably at grade B or above. The ability to work independently is essential.																
<b>Course Content:</b>	<p>At both AS Advanced Level English Literature is a demanding, challenging, interesting and rewarding subject. This course is examined by AQA which combines well with other A Level subjects and would be relevant to many careers including Law, Business, Economics, Politics, Teaching, Journalism, Television and Media.</p> <p>The A level English Literature requires students to study prose, poetry and drama including Shakespeare and other pre-twentieth century texts. At the end of the first year students will sit the AS Level Examinations. Those who are successful will be able to go on to complete a full A Level at the end of Year Two.</p>																
<p><b>AS Level – Year 1</b></p> <p><b>Unit 1 – Aspects of Narrative</b> Written paper. 2 hours. Open book. Four texts for study: 2 novels and 2 poetry texts</p> <p><b>Unit 2 – Dramatic Genres</b> Coursework Minimum of 2 texts within dramatic genre of Tragedy A portfolio of 2 pieces of written coursework</p>	<p><b>A2 Level – Year 2</b></p> <p><b>Unit 3 – Texts and Genres</b> Written paper. 2 hours. Closed Book. Minimum 2 texts for study.</p> <p><b>Unit 4 – Further and Independent Reading Coursework</b> Minimum 3 texts for study. Portfolio of 2 pieces of written Coursework.</p>																
<b>Further Information:</b>	<p>It would be an advantage to all students to read at least two books from the list of recommended authors by September of Year 12.</p> <table border="0"> <tr> <td>Pre-twentieth century Literature</td> <td>Twentieth century Literature</td> </tr> <tr> <td>Any novel by:</td> <td></td> </tr> <tr> <td>Charles Dickens</td> <td>Maya Angelou</td> </tr> <tr> <td>Charlotte Bronte</td> <td>DH Lawrence</td> </tr> <tr> <td>Emily Bronte</td> <td>George Orwell</td> </tr> <tr> <td>Thomas Hardy</td> <td>Alice Walker</td> </tr> <tr> <td>Joseph Conrad</td> <td>Jeanette Winterson</td> </tr> <tr> <td>George Elliot</td> <td></td> </tr> </table>	Pre-twentieth century Literature	Twentieth century Literature	Any novel by:		Charles Dickens	Maya Angelou	Charlotte Bronte	DH Lawrence	Emily Bronte	George Orwell	Thomas Hardy	Alice Walker	Joseph Conrad	Jeanette Winterson	George Elliot	
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<b>Length of Course:</b>	<p><b>AS</b> One-year, which can be extended to the full A Level by completing the second year.</p> <p><b>A2</b> Two years.</p>																
<b>Examination Board:</b>	AQA English Literature Specification B																
<b>Periods Per Week:</b>	5 Hours per week																

For further information, please contact:

Mike Smith (mike.smith@estonpark.co.uk)



# Food Technology AS and A Level:

<b>Entry Requirements:</b>	Students wishing to study Food Technology should have achieved a GCSE Food based qualification at grade B or above. Consideration may be given to students wanting to be accepted on the course, who cannot meet this requirement on the strength of experience at other D&T subjects, interview and a probationary period.
<b>Course Content:</b>	<p><b>AS Outline</b></p> <p>At AS, candidates study nutrition and design and making food products. Knowledge of food science and the wide range of materials and components used in the making of food products are developed. Candidates are given the opportunity to develop and solve a problem relating to food design and making in the coursework, whilst the examination tests knowledge, understanding and design skills. They gain an understanding of industrial and commercial practices within the area of Food Technology:</p> <p>Unit 1 (FOOD1) Materials, Components and Application (50%) Unit 2 (FOOD2) Learning Through Designing and Making. (50%)</p> <p><b>A2 Outline</b></p> <p>At A2, candidates build further upon the knowledge and practical skills gained at AS level. Candidates continue to develop design work, alongside an understanding of food science, processes and commercial food manufacture (the latter being focused upon in much more detail than at AS.</p> <p>Unit 3 (FOOD3) Design and Manufacture</p> <p>Unit 4 (FOOD4) Design and Making Practice.</p>
<b>Progression into careers via:</b>	Food Technology is chosen not only by those seeking a career in the Food industry –which is a huge and expanding industry, but also by those who wish to develop their Food knowledge as an essential life skill to be able to cook and also to lead a healthy lifestyle. Careers in Food are varied, from catering and hospitality to new product design, dieticians, nutrition experts, and environmental health,
<b>Further Information:</b>	<p>This specification is designed to encourage candidates to:</p> <ul style="list-style-type: none"> <li>develop a broad view of design and technology</li> <li>develop their capacity to design and make products</li> <li>appreciate the complex relations between design, materials, manufacture and marketing.</li> </ul> <p>There are two units for each of AS and A2, with an examination and a coursework unit at both levels. Candidates taking the A2 qualification must take all four units.</p>
<b>Length of Course:</b>	<p><b>AS</b> One-year, which can be extended to the full A Level by completing the second year.</p> <p><b>A2</b> Two years.</p>
<b>Examination Board:</b>	AQA GCE Design and Technology: FoodTechnology (9020) AS and A2
<b>Periods Per Week:</b>	5 Hours per week + 5 hours Independent Learning Activities

For further information, Julie Ivison (jivison@nunthorpe.co.uk)  
please contact:

## French AS and A2 Level:

<b>Entry Requirements:</b>	You will need to have achieved at least a Grade B at GCSE and to have done Higher Reading or Higher Listening. Further information can be obtained from the Modern Languages Department in your school.	
<b>Course Content:</b>	Both AS and A2 Level French focus on topical issues which relate to the French speaking world. Through your French studies, you will develop a greater understanding of the country and be able to express personal opinions on important world issues. In addition to this, you will improve your existing speaking, writing and comprehension skills through the study of language structures. Modern French literature may also be studied as part of the A2 course. Regular, weekly conversation classes with the French assistant are organised to help with speaking work and you are strongly encouraged to spend as much time as possible in a French-speaking country or with French-speaking people.	
	<p><b>AS Level – Year 1</b> Students will study two units in the first year.</p> <p><b>Unit 1 –</b> Listening/Reading/Writing Media/popular cultures/healthy living and lifestyle/family relationships</p> <p><b>Unit 2 –</b> Speaking Same topics as above</p>	<p><b>A2 Level – Year 2</b> Students will study two further units in the second year.</p> <p><b>Unit 3 –</b> Listening/Reading/Writing Environment/multicultural society/contemporary social issues/two cultural topics for independent study</p> <p><b>Unit 4 –</b> Speaking Same topics as above</p>
<b>Progression into careers via:</b>	A foreign language is a necessary foundation for the study of languages (including other languages started from scratch) at University or College of Higher education. It can also be a valuable entry qualification for other Higher Education courses. The ability to understand and use a foreign language at this level can be useful in itself within a variety of careers in management, business, scientific and technological fields.	
<b>Further Information:</b>	An interest in language, in communicating with other people and learning about their lives is essential, as is the willingness to take on board grammatical concepts that have not been studied up to GCSE.	
<b>Length of Course:</b>	<b>AS</b> One-year, which can be extended to the full A Level by completing the second year. <b>A2</b> Two years.	
<b>Examination Board:</b>	AQA (2650)	
<b>Periods Per Week:</b>	5 Hours per week	

For further information, please contact:

Carol Stephany (cstephany@nunthorpe.co.uk)

# Further Mathematics AS and A2

<b>Entry Requirements:</b>	You need a good grade A GCSE Mathematics or above to study AS level Further Mathematics. This is designed to be learnt alongside AS level Mathematics in year 12, or taken up as a new AS subject alongside A2 Mathematics in year 13.	
<b>Course Content:</b>	Further Mathematics is an AS/A level qualification which both broadens and deepens the Mathematics covered in AS/A level Mathematics. Students taking Further Mathematics overwhelmingly find it to be an enjoyable, rewarding, stimulating and empowering experience. For someone who enjoys Mathematics, it provides a challenge and a chance to explore new and/or more sophisticated Mathematical concepts. It enables students to distinguish themselves as able Mathematicians in the university and employment market. It makes the transition to a Mathematics-rich university course easier. Some prestigious university courses will only accept students with Further Mathematics qualifications.	
<b>AS Level – Year 1</b> MFPI Further Pure Mathematics 1 MD02 Decision 2 MMIB Mechanics 1B  MFPI: Algebra, Complex Numbers, Matrices, Trigonometry, Graphs and Conics, Linear Laws, Calculus, Numerical Methods MMIB: Modelling, Kinematics, Force, Newton's Laws of Motion, Momentum, Projectiles MD02: Allocation, Network Flows, Critical Path Analysis, Dynamic Programming, Simplex Algorithm, Game Theory	<b>A2 Level – Year 2</b> MFP2 Further Pure Mathematics 2 MFP4 Further Pure Mathematics 4 MS02 Statistics 2  MFP2: Complex Numbers, Roots of Polynomial Equations, Finite Series, De Moivre's Theorem, Inverse Trigonometric Functions, Hyperbolic Functions, Arc Length/Surface Area of Revolutions MFP4: Matrices, Vectors MS02: Discrete Random Variables, Poisson Distribution, Continuous Random Variables, Estimation, Contingency Tables, Hypothesis Testing	
<b>Progression into careers via:</b>	Both universities and employers hold an A level qualification in Further Mathematics in high regard. With the appropriate combination of other AS and A levels, A level Further Mathematics can lead to a wide variety of options when choosing higher education courses. Typical examples include Medicine, Engineering, Law, Business, Social and Political sciences, Natural sciences, and of course Mathematics itself. Similarly the employment opportunities are equally diverse. Further Mathematics is strongly recommended for those students who wish to apply to those universities listed in the "top ten" for such subjects as Engineering, Economics, Mathematics or Physics.	
<b>Further Information:</b>	Further Maths is currently the fastest-growing subject at A level, with the number of students increasing by 23% in 2006. Further Maths is commonly expressed as the most difficult A-level currently offered in the U.K., this is mainly because it is the only subject to further the study (as an extra AS or full A-level) of one particular subject. Although the subject has quite a high proportion of students achieving top grade results, students taking the subject tend to be highly intelligent. For further information, speak to the Head of Maths at your school.	
<b>Length of Course:</b>	<b>AS</b> One-year, which can be extended to the full A Level by completing level A2. <b>A2</b> Two years.	
<b>Examination Board:</b>	AQA	
<b>Periods Per Week:</b>	3 Hours per week	

For further information, please contact:

Brian Wardman (bwardman@nunthorpe.co.uk)

# Geography AS and A2 Level:

<b>Entry Requirements:</b>	Students need grade C or above in Geography or good Mathematics and English grades if you haven't studied GCSE. You will also benefit from having an interest in the world around you, be it curiosity about how a landscape has formed, or an interest in how a community might be affected by trans-national corporations. You need to be prepared to leave the classroom and see for yourself what is going on!
<b>Course Content:</b>	The course aims to provide candidates with a knowledge and understanding of Physical, Human and Environmental Geography.
<p><b>AS Level – Year 1</b></p> <p><b>Unit 1: Global Challenges</b> In this unit you will study the meaning, causes, impacts and management of global challenges. There are two compulsory topics: Topic 1 World at Risk (Physical Geography) and Topic 2, Going Global (Human Geography) 1.5 hours written examination.</p> <p><b>Unit 2: Geographical Investigations</b> Geographical research, including fieldwork. You will investigate two topics in depth, crowded coasts (physical geography), and rebranding places (human geography). 1 hour written examination.</p>	<p><b>A2 Level – Year 2</b></p> <p><b>Unit 3: Contested Planet</b> In this unit you will consider five key world issues and in the sixth topic discuss possible technological solutions to the problems: 2.5 hour written examination, including pre-released synoptic resources (4 weeks in advance).</p> <p><b>Unit 4: Geographical Research</b> This will allow you to develop further the investigative skills gained at AS level and prepare you for the demands of higher education or employment. Research will be carried out looking at Pollution and Human Health at Risk. 1.5 hour exam including pre-released material 4 weeks in advance.</p>
<b>Progression into careers via:</b>	An A Level in Geography opens doors! You will find that studying geography is a brilliant step towards a wider range of HE courses and/or employment opportunities. <ul style="list-style-type: none"> <li>• Further education —geographers can go on to study higher level courses, including Foundation degrees, undergraduate degrees and/or BTEC Higher Nationals.</li> <li>• Employment — geographers can go into a wide range of jobs, including: Advertising, Teaching, Journalism, Education, Marketing, Military, Environmental management .....</li> </ul>
<b>Length of Course:</b>	<b>AS</b> One-year, which can be extended to the full A Level by completing the second year. <b>A2</b> Two years.
<b>Examination Board:</b>	Edexcel
<b>Periods Per Week:</b>	5 Hours per week

For further information, please contact: Keith Murray (keith.murray@estonpark.co.uk)

## German AS and A2 Level:

<b>Entry Requirements:</b>	You will need to have achieved at least a Grade B at GCSE and to have done Higher Reading or Higher Listening. Further information can be obtained from the Modern Languages Department in your school.
<b>Course Content:</b>	Both AS and A2 Level German focus on topical issues which relate to the German speaking world. Through your German studies, you will develop a greater understanding of the country and be able to express personal opinions on important world issues. In addition to this, you will improve your existing speaking, writing and comprehension skills through the study of language structures. Modern German literature may also be studied as part of the A2 course. Regular, weekly conversation classes with the German assistant are organised to help with speaking work and you are strongly encouraged to spend as much time as possible in a German-speaking country or with French-speaking people.
<p><b>AS Level – Year 1</b> Students will study two units in the first year.</p> <p><b>Unit 1 –</b> Listening/Reading/Writing Media/popular cultures/healthy living and lifestyle/family relationships</p> <p><b>Unit 2 –</b> Speaking Same topics as above</p>	<p><b>A2 Level – Year 2</b> Students will study two further units in the second year.</p> <p><b>Unit 3 –</b> Listening/Reading/Writing Environment/multicultural society/contemporary social issues/two cultural topics for independent study</p> <p><b>Unit 4 –</b> Speaking Same topics as above</p>
<b>Progression into careers via:</b>	A foreign language is a necessary foundation for the study of languages (including other languages started from scratch) at University or College of Higher education. It can also be a valuable entry qualification for other Higher Education courses. The ability to understand and use a foreign language at this level can be useful in itself within a variety of careers in management, business, scientific and technological fields.
<b>Further Information:</b>	An interest in language, in communicating with other people and learning about their lives is essential, as is the willingness to take on board grammatical concepts that have not been studied up to GCSE.
<b>Length of Course:</b>	<b>AS</b> One-year, which can be extended to the full A Level by completing the second year. <b>A2</b> Two years.
<b>Examination Board:</b>	AQA 5661
<b>Periods Per Week:</b>	5 Hours per week

For further information, please contact:

Caroline Birtill (cbirtill@nunthorpe.co.uk)

# Government and Politics AS & A2

<b>Entry Requirements:</b>	You should have at least 5 A* to C grades at GCSE, including grade C English. There are not any particular subjects you should have followed in the past but a grade C in a Humanities subject is advised. You will need to be able to manage a significant amount of independent reading and essay writing. You should enjoy taking part in debate and discussion, presenting arguments supported by fact in a logical and engaging manner. You must have an interest in the world around you and a desire to learn about how the political system works and impacts on you.	
<b>Course Content:</b>	For most, the study of Government and Politics will be a new subject to you. Therefore, you may see it as an opportunity to do something fresh and new, an enriching experience in itself. The course will develop skills such as analytical thinking and presentational skills, all of which are desirable for Higher Education. We will study the Edexcel A level course, which will cover a variety of topics and themes.	
	There are 4 units in the Edexcel A-level, with 2 units leading to the AS level in Year 12 and 2 more in Year 13 to complete the A2. This includes themes such as People and their link to Politics and an in-depth study on American politics. There is also a topic on global political issues which covers themes of terrorism, war, poverty and human rights.	The A-level creates many new challenges, opens up new areas of debate and allows new opportunities for students to study a varied yet challenging subject.
<b>Progression into careers via:</b>	Government and Politics A-level can open many doors! It provides a foundation of skills which prove extremely useful at Higher Education whilst allowing you follow any career path you chose. It is particularly useful when considering a career in Law, Business Management, Media, Journalism or public service. However, the knowledge and skills which the study of Government and Politics will give you will be welcomed by any employer.	
<b>Length of Course:</b>	<b>AS</b> One year <b>A2</b> One year	
<b>Examination Board:</b>	Edexcel Government and Politics	
<b>Periods Per Week:</b>	5 hours per week	

For further information, please contact: Will Bailey ([wbailey@nunthorpe.co.uk](mailto:wbailey@nunthorpe.co.uk))

## Health and Social Care Level 3 BTEC National Subsidiary Diploma & Diploma

<b>Entry Requirements:</b>	In order to access the level 3 BTEC in Health and Social Care it is essential that you have at least 5 A-C grade GCSE's, one of which must be English. You must be prepared to work hard and use your time as effectively and efficiently as possible due to the coursework demands of the course. Much of the responsibility of organising the work will be your own and you must be willing to take on this responsibility right from the start of the course.
<b>Course Content:</b>	<p>Health and Social Care is a work related qualification designed to offer you a choice of routes into higher education and employment. Health and Social Care is a qualification for people who wish to follow careers in the caring services. It will give you a broad based introduction to your chosen career. The Subsidiary Diploma is the equivalent to 1 A-Level whereas the Diploma is equivalent to 2 A-levels.</p> <p>The course structure below is a guide to give you a sample of the types of units that will be on offer.</p> <p>Unit 1: Developing Effective Communication in Health &amp; Social Care  Unit 2: Equality, Rights and Diversity  Unit 3: Health, Safety and Security in Health and Social Care  Unit 4: Development through the life stages  Unit 5: Anatomy and Physiology  Unit 6: Personal and Professional Development  Unit 7: Sociological Perspectives  Unit 8: Psychological Perspectives  Unit 10: Caring for Children and Young People</p>
<b>Progression into careers via:</b>	<p>This qualification helps you to go onto higher level qualifications such as a Higher National Diploma or degree, or you can go straight into work. It can prepare you for a range of careers in health and social care settings, such as:</p> <p>Community work  Health services  Housing services  Social work  Welfare work  Careers in Education</p>
<b>Length of Course:</b>	<b>BTEC</b> Two years.
<b>Examination Board:</b>	BN021890 Edexcel Level 3 BTEC National Award in Health and Social Care from 2010
<b>Periods Per Week:</b>	5 Hours per week (single award) 10 Hours per week (double award)

For further information, please contact:

Janine Matthews (Janine.matthews@estonpark.co.uk)




## History AS and A2 Level:

<b>Entry Requirements:</b>	You should have at least 5 A* to C grades at GCSE, including grade B in both History and English, but this is not mandatory. You will need to be able to manage a significant amount of independent reading and essay writing. You should enjoy taking part in historical debate, presenting arguments supported by fact in a logical and engaging manner. You must enjoy History, and an interest in current events is useful.
<b>Course Content:</b>	<p>We will study the Edexcel A level course, which will provide a natural progression from GCSE. At Advanced level the study of History includes elements of politics, law, sociology, economics, geography, religion, war, literature, psychology and ideology. Its content and skills provide an excellent base for further study in a broad range of subjects at degree level.</p> <p>The theme for this course is “History Looking Forward to the 21st Century” as we study the story behind the powers and issues that are shaping our world today.</p> <p>There are 2 units at AS and 2 units at A2. For AS, we study Communism in Russia under Stalin and in China under Mao. We also study how India gained its independence from the British Empire and how important Gandhi was in the process.</p> <p>Both units are assessed through examination.</p> <p>For A2, the coursework unit is an investigation into Conflict in the Middle East.</p> <p>The unit on Controversies in the Cold War is examined through final examination.</p>
<b>Progression into careers via:</b>	History is an academic subject welcomed by universities and employers alike and provides a sound base for a surprising number of degrees including law. A-level History can also contribute significantly to careers in journalism, the world of film, public service including the police force and the rapidly expanding heritage industry.
<b>Length of Course:</b>	<b>AS</b> One-year, which can be extended to the full A Level by completing the second year. <b>A2</b> One year.
<b>Examination Board:</b>	Edexcel History (8HI01)
<b>Periods Per Week:</b>	5 Hours per week

For further information, please contact:

Alison Nash ([alison.nash@estonpark.co.uk](mailto:alison.nash@estonpark.co.uk))

# ICT (Information Communication Technology) AS & A2:

<b>Entry Requirements:</b>	Students should have achieved 5 GCSEs A-C including ICT, English Language and Maths.
<b>Course Content:</b>	<p>This course examines ICT from a business point of view rather than the alternative traditional computing angle. Students will examine both traditional theory and design concepts and utilise a range of ICT packages. The courses consists of both a theory exam and interesting coursework.</p> <p>This course sees students develop a wide range of ICT skills together with an in-depth knowledge and understanding of ICT. The course supports those wanting to develop careers in ICT but also foundation skills needed for all subjects and careers.</p>
	
<b>AS Level – Year 1</b>	<b>A2 Level – Year 2</b>
<p><b>IT1—Information Systems (60%)</b> <i>Examined in January</i> Topics covered in this unit: Networks, Modelling, Uses of ICT, Databases, Social Issues, Quality of Information, Validation and Verification</p> <p><b>IT2—Presenting Information (40%)</b> <i>Coursework completed January—May</i> Consists of a focus on one business and the documents they use. Students will then develop a leaflet, mail merged letter and presentation with video and animation. An element of design, analysis and evaluation is also included.</p>	<p><b>IT3—Use and Impact of ICT</b> <i>Examined in January</i> Topics covered in this unit: The internet, Networks, Databases, Systems Development Lifecycle, Management of Change, Working with ICT</p> <p><b>IT4—Relational Databases</b> <i>Coursework completed January—May</i> Focuses on a relational database project build for a particular client. Students will explore analysis, design, implementation, testing and evaluation as well as develop User Guides for the system . The module looks at basic and advanced database concepts.</p>
<b>Progression into careers via:</b>	The course will give students advanced ICT skills to progress to any university degree or career they wish. Ideal for further (degree) study of ICT, Computing and other related fields.
<b>Length of Course:</b>	AS One-year, which can be extended to the full A Level by completing the second year. A2 Two years.
<b>Exam Board:</b>	WJEC GCE in Information and Communication Technology
<b>Periods Per Week:</b>	5 Hours per week

### For further information, please contact:

Kathryn.talbot@estonpark.co.uk or sholmes@nunthorpe.co.uk



## Law AS and A2 Level:

<b>Entry Requirements:</b>	A minimum of five GCSE passes at Grade C or above including English Language at grade B or above. The ability to work independently is essential.
<b>Course Content:</b>	<p>This course aims to provide you with an understanding of the law and the legal system in England and Wales. The course covers the following four areas:</p> <ul style="list-style-type: none"> <li>• Sources of Law – how Parliament and the Courts make the law</li> <li>• Machinery of Justice – how the courts and the legal system work</li> <li>• Legal Personnel – who does what: solicitors, barristers, judges etc.</li> <li>• Criminal law and Justice – crime and society, the Police, criminal offences, sentencing etc.</li> </ul>
<p>You will need commitment and an ability to work independently, as the course involves a great deal of theory and so you must be willing to read around the subject. This is a demanding course that develops your skills in both speech and writing – skills that are extremely important to both universities and employers. This subject combines well with most AS/A2 subjects, in particular sociology, psychology and media studies.</p>	
<p><b>AS Level – Year 1</b>            Unit 1            Law Making and the Legal System</p> <p>Unit 2            The Concept of Liability</p>	<p><b>A2 Level – Year 2</b>            Unit 3            Criminal Law (Offences against the Person) or Contract Law</p> <p>Unit 4            Criminal Law (Offences against Property) or Tort, and Concepts of Law</p>
<b>Progression into careers via:</b>	Law will provide an excellent preparation for anyone considering a career in Law or other legal-related fields. It is also a well-respected qualification for entry into employment post-18 or application to University.
<b>Further Information:</b>	You should consider this course if you have: An interest in law and the legal system/A logical mind/A high standard of literacy – there is a considerable amount of reading and writing in AS Level Law, so you will need at least a grade C in English GCSE. A high degree of self-motivation. You will be expected to complete a considerable amount of personal study in order to achieve a reasonable grade.
<b>Length of Course:</b>	<b>AS</b> One-year, which can be extended to the full A Level by completing the second year. <b>A2</b> Two years.
<b>Examination Board:</b>	AQA Law (2160)
<b>Periods Per Week:</b>	5 Hours per week

For further information, please contact:

Denise Jeffery (djeffery@nunthorpe.co.uk)



# Mathematics AS and A2 Level:

<b>Entry Requirements:</b>	You need GCSE Mathematics at grade B or above having followed the higher level course. If you have enjoyed Maths so far, have coped with Mathematics GCSE comfortably and wish to pursue your studies further, this is the course for you.
<b>Course Content:</b>	You will be expected to do questions regularly at home, some to be handed in for marking others to be checked in class, with regular assessments given throughout the year. After the first exam in January, for Pure Core 1, you will be expected to have a good scientific calculator.
<p><b>AS Level – Year 1</b>  MPC1 Pure Core 1  MPC2 Pure Core 2  MD01 Decision 1</p> <p>MPC1: Algebra, Coordinate Geometry, Polynomials, Differentiation, Integration</p> <p>MPC2: Graphs and Transformations, Trigonometry, Algebra and Functions, Sequences and Series, Differentiation and Integration</p> <p>MD01: Algorithms, Graphs, Linear Programming, Networks</p>	<p><b>A2 Level – Year 2</b>  MPC3 Pure Core 3  MPC4 Pure Core 4  MS01 Statistics 1</p> <p>MPC3: Algebra and Functions, Differentiation, Trigonometry, Integration, Numerical Methods</p> <p>MPC2: Algebra, Parametric Equations, Trigonometry, Differentiation and Integration, Modelling and Differential Equations, Vectors</p> <p>MS01: Numerical Methods, Probability, The Binomial Distribution, Normal Distribution, Estimation, Correlation and Regression</p>
<b>Progression into careers via:</b>	<p>To study for a degree in Maths, statistics, physics, engineering or actuarial science, for example, you will almost certainly have to have a good Maths A level and possible a further Maths A level. However, there are many degrees which do not specify any particular subjects they wish you to have taken and, for many of these, Maths will be an excellent choice.</p> <p>If you are thinking of looking for a job straight after A levels, Maths is a great "core" subject - in fact, it is one of the most important subjects you can take. This is because the ability to understand and manipulate numbers and Mathematical concepts is extremely useful for almost any job.</p> <p>There is always a demand for employees who can think logically and process information accurately - skills which an A level in Maths will teach you.</p>
<b>Further Information:</b>	<p>This is probably the most marketable A-level in terms of acceptability. It is difficult to think of any course/career where it would not be welcomed in combination with other subjects.</p> <p>Mathematics A-level is well regarded by both institutions and employers. Employers in all walks of life readily accept A level Mathematics as a desirable qualification, and almost everybody requires GCSE Mathematics (along with GCSE English).</p> <p>If you want to go on to study at University then A level Mathematics will open more doors than any other subject.</p>
<b>Length of Course:</b>	<b>AS</b> One-year, which can be extended to the full A Level by completing level A2. <b>A2</b> Two years.
<b>Examination Board:</b>	AQA
<b>Periods Per Week:</b>	5 Hours per week

For further information, please contact:

Brian Wardman (bwardman@nunthorpe.co.uk)

# Media Studies AS and A2 Level:

<b>Entry Requirements:</b>	You are required to have a GCSE grade B, or higher, in English Language before you enrol on this course. Due to the demanding nature of the course, it is essential that you have the ability and motivation to work independently as well as part of a group.
<b>Course Content:</b>	<p>The course offers a bite-sized opportunity for learners to experience the world in which we live through the eyes of the media. Investigating the three media platforms; broadcasting, e-media and print; learners will be provided with a range of skills which will prepare them for the times ahead, whether that being employment or further education.</p> <p>The course has been developed to focus on giving the learners a flexible environment to thrive. To achieve an AS level you will need to complete 2 AS units of assessment. To achieve a full A Level, you will need to have passed the 2 AS units, together with 2 A2 units. These units can vary depending on the learners needs and can be adapted to fit all.</p> <p>50% of your overall grade is based on an internally assessed coursework portfolio in which you will create your own media. The remaining 50% of your grade will be based on an externally assessed examination.</p>
<p><b>AS Level – Year 1</b></p> <p>Unit 1 <b>Investigating Media</b> – An introduction to media concepts and media platforms applied to a range of media texts leading to cross-media study for unseen exam.</p> <p>Unit 2 <b>Creating Media</b> – Two linked production pieces taken from two of the three media platforms studied in unit 1 plus 1500 word evaluation. Practical unit: internally assessed and externally moderated.</p>	<p><b>A2 Level – Year 2</b></p> <p>Unit 3 <b>Critical Perspectives</b> – Media production and consumption – debates and critical theory. Candidates will be required to study two pre-set media topics for written examination.</p> <p>Unit 4 <b>Research and Production</b> – Candidates will produce a media product linked to their research for an individual critical investigation. Practical unit: internally assessed and externally moderated.</p>
<b>Progression into careers via:</b>	With a qualification in Media Studies you could go on to Higher Education or work in the media or a related field, such as advertising, gaming, journalism, marketing, web design, public relations, teaching and a range of people-orientated/communications careers.
<b>Length of Course:</b>	<b>AS</b> One-year, which can be extended to the full A Level by completing the second year. <b>A2</b> Two years.
<b>Examination Board:</b>	AQA
<b>Periods Per Week:</b>	5 Hours per week

For further information, please contact:

Sarah Holmes (sholmes@nunthorpe.co.uk)  
Sam Herron (sam.herron@estonpark.co.uk)



# Music AS & A2 Level:

<b>Entry Requirements:</b>	You are advised to have a GCSE grade B, or higher, in Music before you enrol on this course. Due to the demanding nature of the course, it is essential that you have the ability and motivation to work independently as well as part of a group and are an active musician.	
<b>Course Content:</b>	Whether you play an instrument or are a vocalist, this A Level course gives you plenty of opportunity for self-expression. By studying different genres you'll increase your own musical repertoire and be in a better position to develop your own style. Music offers an opportunity for students to; extend their skills, knowledge and understanding of music. This qualification will appeal to students with a wide range of musical interests, from the traditional to the cutting edge of new music technology. It will encourage a lifelong enjoyment and understanding of music as a listener and/or as a performer.	
	<b>AS Level – Year 1</b> Unit 1 – MUSC1 Influences on Music 30% of AS, 15% of A Level 1 hour 45 minutes written examination Unit 2 – MUSC2 Creating Musical Ideas 30% of AS, 15% of A Level Externally Assessed Coursework Unit 3 – MUSC3 Interpreting Musical Ideas 40% of AS, 20% of A Level 10–16 minutes Internally Assessed	<b>A2 Level – Year 2</b> Unit 4 – MUSC4 Music in Context 20% of A Level 2 hours 15 minutes written examination Unit 5 – MUSC5 Developing Musical Ideas 15% of A Level Externally Assessed Coursework Unit 6 – MUSC6 A Musical Performance 15% of A Level 15 minutes Externally Assessed
<b>Progression into careers via:</b>	What's your dream? The GCE Music A Level gives you a strong foundation for higher education and a career composing or performing music, or to work in the music industry for TV, radio or film companies. The music industry employs an estimated 130,000 full-time in the UK alone. You could be a music teacher, or even use your musical skills and knowledge in other careers, such as event management or leisure/tourism. Music is a universal language; your career could take you anywhere	
<b>Length of Course:</b>	<b>AS</b> One-year, which can be extended to the full A Level by completing the second year. <b>A2</b> Two year course—AS year one A2 year two.	
<b>Examination Board:</b>	AQA	
<b>Periods Per Week:</b>	5 Hours per week	

For further information, Ben Shaller (bshaller@nunthorpe.co.uk) please contact:



# Music Technology AS & A2 Level:

<b>Entry Requirements:</b>	You are advised to have a GCSE grade B, or higher, or BTEC Music (Merit or higher) in Music before you enrol on this course. Due to the demanding nature of the course, it is essential that you have the ability and motivation to work independently as well as part of a group.
<b>Course Content:</b>	Music technology plays a key role in music across the world. This qualification (the only Advanced Subsidiary and advanced level GCE in Music Technology) is designed to open up a range of exciting and useful tasks to a wide candidature, and to encourage students to learn about the subject. Students, including those who do not play a traditional instrument, are encouraged to explore their musicality and create original materials using technology. Like its predecessor this specification retains an emphasis on practical tasks, but it is slimmed down and updated, with all tasks appropriate to styles of music that use music technology.
<p><b>AS Level – Year 1</b></p> <p><b>UNIT 1 – Music Technology Portfolio 1</b> (assessed externally). Students will learn and use a variety of music and music technology skills in order to complete this unit. Complete 3 tasks:- A – Sequenced Realised Performance B – multi-track Recording C – Creative Sequenced Arrangement <b>Assessment</b> – students will produce an audio CD – “Music Technology Portfolio 1” containing the three tracks of work from the tasks above. They will also present a log book <b>70% (AS), 35% (full A level)</b></p> <p><b>UNIT 2 – Listening and analysing</b> (assessed externally) Study the development of popular music styles from 1910 to the present day, including 2 special focus styles. <b>Assessment</b> – 1 hour 45 minute examination. <b>30% (AS), 15% (full A level)</b></p>	<p><b>A2 Level – Year 2</b></p> <p><b>UNIT 3 – Music Technology Portfolio 2</b> (assessed externally). This builds on skills acquired in Unit 1 and extends these to a composition task. It involves detailed study of Area of Study 3 – The Development of Technology-based Music. Complete 3 tasks:- A – Sequenced Integrated Performance B – Multi-track Recording C – Composing using Music Technology <b>Assessment</b> – students will produce an audio CD – “Music Technology Portfolio 2” containing the three tracks of work from the tasks above. They will also present a log book. <b>60% (A2), 30%(full A level)</b>.</p> <p><b>UNIT 4 – Analysing and producing</b> (assessed externally) Students will be expected to demonstrate their knowledge of music and the principles of music technology through a series of written commentaries, manipulations and production tasks. - manipulate and correct recorded music - write commentaries on technological processes - produce a balanced stereo mix <b>Assessment</b> – 2 hour examination <b>40% (A2), 20%(full A level)</b></p>
<b>Progression into careers via:</b>	There are many important opportunities in higher education, and many career possibilities, for those proficient in handling music technology. The GCE in Music Technology has been widely accepted by higher education providers, and this Music Technology Advanced GCE will continue to provide valuable experience and preparation for students aiming to progress to higher education in the subject. Careers in music technology include record producing, sound engineering and teaching.
<b>Length of Course:</b>	<b>AS</b> One-year, which can be extended to the full A Level by completing the second year. <b>A2</b> Two year course—AS year one A2 year two.
<b>Examination Board:</b>	Edexcel
<b>Periods Per Week:</b>	5 Hours per week

For further information, please contact:  
Ben Shaller (bshaller@nunthorpe.co.uk)  
Andy Power (apower@nunthorpe.co.uk)

# BTEC National Cert Performing Arts:

<b>Entry Requirements:</b>	It would be helpful to have GCSE in Drama, Music or Dance but its not essential if you have a desire to learn about performing skills. At least a Grade C in GCSE English is essential.	
<b>Course Content:</b>	<p>This course is very intense with regards to extra curricular rehearsals and performance. The BTEC is a vocational qualification involving advice and workshops from professionals in the performing industry. This is an ideal qualification to equip students with the knowledge and experience to follow into the profession.</p> <p>During the two years, students will cover three core units:</p> <ol style="list-style-type: none"> <li>1. <u>Performing To An Audience</u> – a full scale theatrical performance to a live audience. Assessment on: candidate’s professional attitude to rehearsals, the submission of an actor’s log, the final performance.</li> <li>2. <u>Performance Workshop</u> – preparation of two performances based on a stimulus. Assessment will be practical based and the submission of an actor’s log</li> <li>3. <u>Performing Arts Business</u> – Introduces the various roles and responsibilities in the business. Assessment is primarily through written and presented research including an actor’s CV, budgeting for an arts event and researching various employment opportunities.</li> </ol> <p>Extra units will studied in addition to complete the necessary number of credits.</p>	
<b>BTEC National Performing Arts (Award) - 360 credits</b>	<b>BTEC National Performing Arts (Certificate) - 720 credits</b>	<b>BTEC National Performing Arts (Diploma) - 1080 credits</b>
Unit 7 Performing to an Audience Unit 19 Principles of Acting Unit 9 Devising Plays Unit 11 Theatre for Children Unit 18 Acting Auditions  <b>Equivalent to 1 A Level</b>	Unit 1 Performance Workshop Unit 3 Performing Arts Business Unit 14 Musical Theatre Performance Unit 30 Singing Skills for Actors Unit 33 Applying Physical Theatre Unit 55 Arts in the Community  <b>Equivalent to 2 A Level</b>	Unit 4 The Historical Context of Performance Unit 5 Rehearsing for Performance Unit 12 Classical Theatre Performance Unit 17 Developing Voice for the Actor Unit 24 Mime Unit 32 Developing Physical Theatre  <b>Equivalent to 3 A Level</b>
<b>Progression into careers via:</b>	This course will lead you onto University courses or work in the entertainment business, the creative arts, teaching, arts administration etc.	
<b>Further Information:</b>	This is a double option and therefore will count as 2 AS Levels. Our plan, at this stage, is to combine units, this is in line with EDEXCEL advice. Those combinations are not yet formalised. We intend to give every student the opportunity to be assessed twice in each unit and will deliver units in the second year building on what is covered in Year 12. The nature of this is naturally an organic process, changing to respond to individual and group need. We will be asking EDEXCEL for permission to deliver a number of units in addition to those stated in order to maintain maximum flexibility.	
<b>Length of Course:</b>	The full course is two years.	
<b>Examination Board:</b>	BTEC National Certificate in Performing Arts	
<b>Periods Per Week:</b>	10 Hours per week	

For further information, please contact:

Hannah Olszowski (holszowski@nunthorpe.co.uk)

# Philosophy and Ethics AS and A2

<b>Entry Requirements:</b>	A minimum of five GCSE passes at Grade C or above including English or English Literature preferably at grade B or above. The ability to work independently is essential.
<b>Course Content:</b>	In Greek, 'Philosophy' means 'the love of wisdom'. It is an exciting and a challenging subject opening up new perspectives on the world and ourselves. It provides skills for clear thinking and challenges what one has always believed. Most of us at some time ask basic philosophical questions such as 'what is the purpose of our existence? Could we ever be justified in breaking the law? Could our lives be just a dream?' and so on. The subject matter of Philosophy investigates some highly profound questions: 'What can we know about the world we live in? Is right or wrong simply a matter of culture? Is it rational to believe in God?' Philosophy encourages independent thought and enables one not to simply accept what others write and say, at face value. Doing Philosophy is not easy though. It is difficult to understand the arguments and ideas but you will develop the skills with practice. Apart from reading the ideas and arguments of philosophers, you will develop clear thinking skills through discussion and debate.
<b>AS Level – Year 1</b> Unit 1 Foundations Unit 1 Philosophy of Religion and Ethics Unit 2 Investigations Unit 2 The Psychology of Religion	<b>A2 Level – Year 2</b> Unit 3 Developments Unit 3 Philosophy of Religion and Ethics Unit 4 Implications Unit 4 Religion and Human Experience
<b>Progression into careers via:</b>	If you find the subject stimulating, you could study it at University or combine it with another subject (such as Sociology, Government and Politics, Psychology, English etc) in a Joint Honours Degree. A career in journalism, law, civil service, teaching and a range of careers that require clear analytical thinking skills.
<b>Further Information:</b>	To do Philosophy, you should have a genuinely inquiring and open mind. You should welcome the challenge of grappling with significant arguments and ideas. You should be keen on developing the skills and the cut and thrust of arguments and counter-arguments.
<b>Length of Course:</b>	<b>AS</b> One-year, which can be extended to the full A Level by completing the second year. <b>A2</b> Two years.
<b>Examination Board:</b>	Edexcel Advanced GCE in Religious Studies (Philosophy and Ethics)
<b>Periods Per Week:</b>	5 Hours per week

For further information, please contact:

Hermione Jackson (hjackson@nunthorpe.co.uk)

# Physical Education AS and A2 Level:

<b>Entry Requirements:</b>	It is recommended that candidates have achieved B grade in GCSE PE. The student <b>must</b> also play competitive sport outside of school.		
<b>Course Content:</b>	<p>This OCR course involves a multi-disciplinary approach to Physical Education and Sport, encouraging the development of knowledge and understanding of concepts surrounding the subject.</p> <p>The course investigates PE, Sport and the various issues surrounding the subject through an integrated/thematic approach, under the headings of Psychology, Physiology and Socio-Cultural aspects.</p> <p>The course will be of interest to those students who are committed sports enthusiasts and is useful in the following career areas; Sport and recreation industry, leisure and amenity management, and teaching. Physical Education is accepted as an entrance qualification for courses in higher education.</p>		
<table border="1"> <tr> <td> <p><b>AS Level – Year 1</b></p> <p>Unit 1 – An introduction to Physical Education Incorporating: Skill acquisition Socio-cultural studies and Anatomy and Physiology</p> <p>Unit 2 – Acquiring, developing and evaluating practical skills in Physical Education</p> </td> <td> <p><b>A2 Level – Year 2</b></p> <p>Unit 3 – Principles and concepts across different areas of Physical Education incorporating: Historical studies Bio mechanics Psychology</p> <p>Unit 4 – The improvement of effective performance and the critical evaluation of practical activities in Physical Education</p> </td> </tr> </table>		<p><b>AS Level – Year 1</b></p> <p>Unit 1 – An introduction to Physical Education Incorporating: Skill acquisition Socio-cultural studies and Anatomy and Physiology</p> <p>Unit 2 – Acquiring, developing and evaluating practical skills in Physical Education</p>	<p><b>A2 Level – Year 2</b></p> <p>Unit 3 – Principles and concepts across different areas of Physical Education incorporating: Historical studies Bio mechanics Psychology</p> <p>Unit 4 – The improvement of effective performance and the critical evaluation of practical activities in Physical Education</p>
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<b>Progression into careers via:</b>	This qualification is rapidly becoming essential for specialist study in Physical Education, Sports Studies and Sports Management in Higher Education. The syllabus provides an excellent foundation for students intending to pursue careers in teaching, recreational management, leisure administration, professional sport and the health and fitness industry.		
<b>Further Information:</b>	<b>Uniform</b> All AS/A2 Physical Education students will wear black shorts and the course T-shirt for practical lessons.		
<b>Length of Course:</b>	<b>AS</b> One-year, which can be extended to the full A Level by completing the second year. <b>A2</b> Two years.		
<b>Examination Board:</b>	OCR GCE in Physical Education H154 /H554		
<b>Periods Per Week:</b>	5 Hours per week		

For further information, please contact:

Mark Gray (mgray@nunthorpe.co.uk)

# Physics AS and A2 Level:

<b>Entry Requirements:</b>	We recommend that you have at least grade B in GCSE Science (21 <sup>st</sup> Century Science/Double Award or similar); Grade B in GCSE Mathematics, as the best foundation of the course, and that you take Mathematics to least AS Level to help support the subject.
<b>Course Content:</b>	See below:
<p><b>AS Level – Year 1</b></p> <p><b>Unit G481 : Mechanics</b></p> <ul style="list-style-type: none"> <li>• Motion</li> <li>• Forces in Action</li> <li>• Work and Energy</li> </ul> <p><b>Unit G482 : Electronics, Waves and Photons</b></p> <ul style="list-style-type: none"> <li>• Electric current</li> <li>• Resistance</li> <li>• DC circuits</li> <li>• Waves</li> <li>• Quantum physics</li> </ul> <p><b>Unit 3: Practical Skills in Physics 1</b></p> <ul style="list-style-type: none"> <li>• Candidates are assessed on one task from each of the following categories: qualitative, quantitative and evaluative tasks.</li> </ul>	<p><b>A2 Level – Year 2</b></p> <p><b>Unit G484 : The Newtonian World</b></p> <ul style="list-style-type: none"> <li>• Newton’s laws and momentum</li> <li>• Circular motion and oscillations</li> <li>• Thermal physics</li> </ul> <p><b>Unit G485 : Fields, Particles and Frontiers of Physics</b></p> <ul style="list-style-type: none"> <li>• Electric and magnetic fields</li> <li>• Capacitors and exponential decay</li> <li>• Nuclear physics</li> <li>• Medical imaging</li> <li>• Modelling the universe</li> </ul> <p><b>Unit 6 Practical Skills in Physics 2</b></p> <ul style="list-style-type: none"> <li>• Candidates are assessed on one task from each of the following categories: qualitative, quantitative and evaluative tasks.</li> </ul>
<b>Progression into careers via:</b>	A qualification in Physics proves your ability to think logically, understand complex ideas and apply them to the real world and employers actively seek out such people. If you want a career in Science, Medicine, Education, Business, Engineering or a host of other fields, Physics can give you the edge. Also, if you enjoy finding out how things work and have a practical approach, this is the course for you.
<b>Further Information:</b>	Be prepared for plenty of demanding, numerate work, but also be prepared to enter enthusiastically into practical work, as well as all assigned homework. The course will not be easy but will be very worthwhile.
<b>Length of Course:</b>	<b>AS</b> One-year, which can be extended to the full A Level by completing the second year. <b>A2</b> Two years.
<b>Examination Board:</b>	OCR GCE in Physics A H158/H558
<b>Periods Per Week:</b>	5 Hours per week

For further information, please contact: Terry Hayes (terry.hayes@estonpark.co.uk)



# Product Design AS and A2 Level:

<b>Entry Requirements:</b>	GCSE Resistant Materials, Electronics, Production Design/Graphics are the best preparation for moving into AS/A2 Product Design. However if you have Art, Design and/or Textiles qualification grade C or above, consideration may be given to students wanting to be accepted on the course on the strength of a strong portfolio and/or interview.
<b>Course Content:</b>	The AS and A2 courses are designed to encourage you to take a broad view of technology and design, to develop your capacity to design and make products for the modern market place. You will learn to appreciate the complex relations between design, materials, manufacture and marketing. Both the AS and A2 consist of three main disciplines as follows; a greater depth of study is required for A2:- a) Materials and components b) Design and market influence c) Processes and manufacture
<b>AS Level – Year 1</b> Unit 1: Materials, Components and Application 2 hour written exam Unit 2: Learning through Designing and Making 50 hour coursework project	<b>A2 Level – Year 2</b> Unit 3: Design and Manufacture 2 hour written exam Unit 4: Design and Making Practice 60 hour coursework project
<b>Progression into careers via:</b>	The experience gained by following this course equips you for a variety of careers such as:- design engineering, electronics, furniture design, manufacturing industry or further studies at University.
<b>Further Information:</b>	This subject is coursework orientated, it is essential that you show a successful record of being able to cope with long projects and product study, these are continually assessed. The course encourages you to be self-directed in your approach to your learning. The AS course is based on the assessment of a number of Design and Make assignments with theory inputs. As well as attending on a regular basis you will be expected to complete set homework, on time. It is expected that you do 5 hours home study each week. You are expected to follow up topics, from the subject specifications and expand subject knowledge, by reading about the subject, this will help to illustrate answers in the theory papers.
<b>Length of Course:</b>	<b>AS</b> One-year, which can be extended to the full A Level by completing the second year. <b>A2</b> Two years.
<b>Examination Board:</b>	AQA Design and Technology: Product Design(3-D Design)
<b>Periods Per Week:</b>	5 Hours per week

For further information, please contact:

Tim Duffill (tduffill@nunthorpe.co.uk)  
Michelle Coupland (mcoupland@nunthorpe.co.uk)

# Product Design (Textiles) AS & A2

<b>Entry Requirements:</b>	GCSE Textiles / Art are the best preparation for moving onto AS/A2 Product Design (Textiles). Consideration may also be given to students with qualifications in other Technology subjects on the strength of a strong portfolio/interview.
<b>Course Content:</b>	Students demonstrate specific knowledge and understanding in Textiles and are able to apply that knowledge and understanding in combination with appropriate skills in their designing; and should communicate ideas and outcomes and demonstrate strategies for evaluation. Students should be able to demonstrate and apply skills, knowledge and understanding of relevant materials, processes and techniques, and use materials and equipment to produce suitable and appropriate textile outcomes; and should communicate ideas and outcomes and demonstrate strategies for evaluation.
<b>AS Level – Year 1</b> At AS, students will work with a wide variety of fabrics and components used in the design and making of textile products in both two and three dimensional forms.	<b>A2 Level – Year 2</b> At A2, the specification offers students the opportunity to further develop the knowledge and practical skills from AS. Students will continue to design and manufacture exciting textile products alongside an understanding of the processes and procedures of commercial textile manufacture.
<ul style="list-style-type: none"> <li>● Source and classification of the main fibre groups</li> <li>● Yarn types and properties and the blending and mixing of fibres</li> <li>● Fabric manufacture: woven, knitted, non-wovens and smart materials created to provide specific properties</li> <li>● Fabric finishes and surface decoration</li> <li>● Product components</li> <li>● Industrial and commercial practice, manufacturing systems, ICT application, pattern drafting, product manufacture and environmental concerns</li> </ul> Development of design, design in practice, communication methods and design in the human context.	<ul style="list-style-type: none"> <li>● Testing and comparing the relative merits of fabrics in relation to their intended use</li> <li>● Manipulating and combining fabrics</li> <li>● Major developments in textiles technology</li> <li>● Product life cycle and fashion cycles</li> <li>● Design in the human context</li> </ul> Industrial and commercial practice, fabric manufacture and product manufacture.
<b>Progression into careers via:</b>	The experience gained during this course equips you with skills to embark on any number of courses such as: fashion design, marketing, costume, soft furnishings, Fashion/product buyers, retail, manufacturing industry, interior design,
<b>Further Information:</b>	This course consists of 50% coursework and 50% exam both at AS and A2 level. The course allows for individuality and creativity, and encourages you to be self directed in your learning. The AS exam paper is based primarily on Materials and Components. The A2 is based primarily on Design and Manufacture. Consisting of two sections with a choice of three questions from six. Candidates are required to answer one question from each section and also a final question from either section.
<b>Length of Course:</b>	<b>AS</b> One-year, which can be extended to the full A Level by completing the second year. <b>A2</b> Two years.
<b>Examination Board:</b>	AQA Product Design (Textiles)(2560)
<b>Periods Per Week:</b>	5 Hours per week

For further information, please contact:

Miss L Masters (lmasters@nunthorpe.co.uk)  
Mrs J Ivison (jivison@nunthorpe.co.uk)



# Psychology AS and A2 Level:

<b>Entry Requirements:</b>	You do not need GCSE Psychology to access this course but it is desirable to achieve a grade B or higher at Mathematics and English to ensure you have the right skills.
<b>Course Content:</b>	Students choosing to do the A Level Psychology course will be examining human behaviour, thoughts and feelings from a variety of different psychological approaches. Students wishing to do so must be hard working, willing to participate and flexible in their learning approaches, in order to succeed in this interesting course.
<p><b>AS Level – Year 1</b>            Unit 1 – Cognitive Psychology, Developmental Psychology and Research Methods            1 hour 30 minutes</p> <p>Unit 2 – Biological Psychology, Social Psychology and Individual Differences            1 hour 30 minutes</p>	<p><b>A2 Level – Year 2</b>            Unit 3 – Topics in Psychology            1 hour 30 minutes            Three essay-style questions chosen from eight topics:</p> <ul style="list-style-type: none"> <li>(a) Biological rhythms and sleep</li> <li>(b) Perception</li> <li>(c) Relationships</li> <li>(d) Aggression</li> <li>(e) Eating behaviour</li> <li>(f) Gender</li> <li>(g) Intelligence and learning</li> <li>(h) Cognition and development</li> </ul> <p>Unit 4 – Psychopathology, Psychology in Action and Research Methods            2 hours</p>
<b>Progression into careers via:</b>	Psychology is useful for a wide range of people orientated occupations as well as in industry or business organisations. Types of career pathways you can pursue with this subject are police force, teacher or child psychologist to name but a few .....
<b>Further Information:</b>	Psychology is the study of human behaviour and mental processes. Psychologists have many theories and approaches to try to explain behaviour which will be studied along with many examples of experiments and investigations that various psychologists have carried out to support their ideas.
<b>Length of Course:</b>	<b>AS</b> One-year, which can be extended to the full A Level by completing the second year. <b>A2</b> Two years.
<b>Examination Board:</b>	AQA GCE in Psychology
<b>Periods Per Week:</b>	5 Hours per week

For further information, please contact:

Bernadette Hewison (bhewison@nunthorpe.co.uk)

# Sociology AS and A2 Level:

<b>Entry Requirements:</b>	To do well in Sociology you should be interested in social issues and current affairs. You should be prepared to discuss issues in class. You will need to have a good standard of written English and be able to comprehend written items of evidence.
<b>Course Content:</b>	The work will introduce Sociology through the study of the family, education and different methods of social research. Sociology is one of the Social Sciences and studies people's relationships to social groups and the workings of human societies. You will also study issues relating to the core themes of social stratification e.g. class, race, age, and culture and socialisation. These themes are applied to the topics of family and education, crime and deviance and politics and power.
<b>AS Level – Year 1</b> Unit 1 Culture and Identity; Families and Households; Wealth, Poverty and Welfare (You will take a written paper of one hour on the topic of Families and Households. This is worth 40% of the AS Level marks.)  Unit 2 Education; Health; Sociological Methods (You will take a written paper of two hours on the topics of Sociology of Education and Sociological Research Methods. Part of the questions will ask you to apply your knowledge of methods to the topic of Education. Unit 1 will be examined in January and Unit 2 in the summer term of the AS year. The Unit 2 paper is worth 60% of the AS Level marks.)	<b>A2 Level – Year 2</b> Unit 3: You will take a written paper of one hour and 30 minutes on the topic of Power and Politics. This is worth 20% of the total A Level marks.  Unit 4: You will take a written paper of two hours. This will test your knowledge of the topic of Crime and Deviance and of Sociological Theories and Methods. This is worth 30% of the total A Level marks. Unit 1 will be examined in January and Unit 2 in the summer term of the A2 Year.
<b>Progression into careers via:</b>	There are a wide range of career opportunities available with a Sociology Degree such as working in or for: Census Bureau, Prison Services, Advertising, Public relations, Management training programs, Youth Services, Mental Health, News media etc. Employers in business and government seek graduates with a well-rounded, liberal arts education making this one of the most flexible degrees available in the place of work.
<b>Further Information:</b>	You will need to be open minded, tolerant and willing to analyse complex and controversial issues in our Society.
<b>Length of Course:</b>	<b>AS</b> One-year, which can be extended to the full A Level by completing the second year. <b>A2</b> Two years.
<b>Examination Board:</b>	AQA GCE in Sociology
<b>Periods Per Week:</b>	5 Hours per week

For further information, please contact: Simon Coe (scoe@nunthorpe.co.uk)

# BTEC Level 3 Diploma in Sport (Development, Coaching and

<b>Entry Requirements:</b>	You will be expected to have a genuine interest in Sport and a commitment to hard work. There are no formal entry requirements. We would normally expect you to have at least 5 GCSE grade C's. You must, however, be prepared to work hard and effectively. Much of the responsibility of organising the work will be your own. You have to be willing to take on this responsibility.
<b>Course Content:</b>	The Edexcel BTEC Level 3 Diploma in Sport (Development, Coaching and Fitness) is a 120-credit and 720-guided-learning-hour (GLH) qualification that consists of eight mandatory units plus optional units that provide for a combined total of 120 credits The students complete the following units:- 1 Principles of Anatomy and Physiology in Sport 2 The Physiology of Fitness 3 Assessing Risk in Sport 4 Fitness Training and Programming 5 Sports Coaching 6 Sports Development 7 Fitness Testing for Sport and Exercise 8 Practical Team Sports * 13 Leadership in Sport 15 Instructing Physical Activity and Exercise 21 Sport and Exercise Massage 22 Rules, Regulations and Officiating in Sport 23 Organising Sports Events0 3
<b>Progression into careers via:</b>	The experience gained during this course equips you with skills to embark on any number of courses or employment opportunities such as: Physical Education Teaching, Sport Development, Sport Coaching, Youth Work, Armed Forces, Police
<b>Further Information:</b>	You will gain Community Sports Leaders Award, Referee & Coaching awards through out the 2 years. You will be asked to participate in work placement activities with local secondary and primary school, working in the local School Sport Partnerships.
<b>Length of Course:</b>	The units are complete over a 2 year period.
<b>Examination Board:</b>	Edexcel
<b>Periods Per Week:</b>	5 /10 Hours per week

For further information, please contact: Richard Armstrong— [richard.armstrong@estonpark.co.uk](mailto:richard.armstrong@estonpark.co.uk)

# AS Statistics

<b>Entry Requirements:</b>	Entry Requirements: You need GCSE Mathematics at grade B or above. GCSE Statistics is NOT a prerequisite. You will not require mathematical knowledge beyond GCSE. For example, no calculus techniques are required and questions which are essentially algebraic problems will not be set.														
<b>Course Content:</b>	<p>You will be expected to do work regularly during your own time, some to be handed in for marking, others to be checked in class, with regular assessments given throughout the year.</p> <p>The course structure below is a guide to give you a sample of the kind of units that will be on offer</p> <table border="0"> <tr> <td><b>Module S1 – Statistics 1</b></td> <td><b>Module S2 – Statistics 2</b></td> </tr> <tr> <td>Numerical measures</td> <td>Time Series Analysis</td> </tr> <tr> <td>Probability</td> <td>Sampling</td> </tr> <tr> <td>Binomial Distribution</td> <td>Discrete Probability Distributions</td> </tr> <tr> <td>Normal Distribution</td> <td>Interpretation of Data</td> </tr> <tr> <td>Estimation</td> <td>Application of Hypothesis Testing</td> </tr> <tr> <td>Correlation and Regression</td> <td></td> </tr> </table> <p style="text-align: center;"><b>Module S3 – Statistics 3</b></p> <p style="text-align: center;">Application of Contingency Tables in Real-world Situations Distribution Free Methods Correlation</p>	<b>Module S1 – Statistics 1</b>	<b>Module S2 – Statistics 2</b>	Numerical measures	Time Series Analysis	Probability	Sampling	Binomial Distribution	Discrete Probability Distributions	Normal Distribution	Interpretation of Data	Estimation	Application of Hypothesis Testing	Correlation and Regression	
<b>Module S1 – Statistics 1</b>	<b>Module S2 – Statistics 2</b>														
Numerical measures	Time Series Analysis														
Probability	Sampling														
Binomial Distribution	Discrete Probability Distributions														
Normal Distribution	Interpretation of Data														
Estimation	Application of Hypothesis Testing														
Correlation and Regression															
<b>Progression into careers via:</b>	<p>Statisticians deal with all sorts of problems, working individually and in teams to make important decisions in all walks of life. They can be found at top levels in their organisations. They use data to assess the impact of different decisions; they help make the best uses of resources; they are involved in improving all aspects of a business; they help improve quality in output.</p> <p>Areas in which statisticians work include: Government; medical and pharmaceutical research; environmental science; industry; business and commerce; finance and actuarial work; the social sciences; the life sciences.</p> <p>It is not just the areas of work that make the job of a statistician interesting. It is also the nature of the work and the many other skills that are used. Usually you will be working as one of a team with your own particular expertise to contribute.</p> <p>This requires real skills of: working with others; communicating and explaining; understanding new facts and ideas; analysing data in a context; solving problems; reporting findings; making recommendations.</p>														
<b>Further Information:</b>	<p>The emphasis is on using and applying statistics. Appropriate interpretation of contexts and the outcomes of statistical procedures will be required.</p> <p>The content of the AS specification has been selected to include statistical knowledge, skills and techniques which are needed for the study of other subjects, such as Biology, Economics, Geography, Psychology and Business Studies.</p>														
<b>Length of Course:</b>	One-year														
<b>Examination Board:</b>	AQA GCE AS Statistics														
<b>Periods Per Week:</b>	5 Hours per week + 5 hours Independent Learning Activities														

For further information, please contact:

Brian Wardman (bwardman@nunthorpe.co.uk)



## Travel and Tourism Level 2 BTEC Diploma (formerly First Diploma):

<b>Entry Requirements:</b>	At least 3 GCSEs at grades A* - D You must, however, be prepared to work hard and effectively. Much of the responsibility of organising the work will be your own. You have to be willing to take on this responsibility.
<b>Course Content:</b>	This is full time one year course. BTECs are suited to people who do not wish to have a formal examination, as assessment is entirely coursework-based. It is a practical, work related course for students looking for an introduction into key areas of the travel and tourism industry. You will learn about the UK's travel and tourism destinations, explore customer service within the industry, and plan simple journeys using different modes of transport across the UK. You will also study three specialist units such as European holiday destinations, planning visits for travel and tourism, and developing business skills for the industry. The course is equivalent to 4 GCSEs at A*-C and provides a good basis for further qualifications.
<p><b>Units of Study:</b></p> <ul style="list-style-type: none"> <li>Unit 1 The UK Travel and Tourism Sector</li> <li>Unit 2 Understanding Customer Service in Travel and Tourism</li> <li>Unit 3 Understanding the Nature and Effects of World Travel</li> <li>Unit 5 Developing Customer Service Skills in Travel and Tourism</li> <li>Unit 6 UK Tourism Destinations</li> <li>Unit 7 European Holiday Destinations</li> <li>Unit 9 Holiday Planning</li> <li>Unit 10 Exploring Marketing in Travel and Tourism</li> <li>Unit 13 Organising a Travel and Tourism Study Visit</li> <li>Unit 14 Exploring Airports and Airlines</li> <li>Unit 18 Introduction to Cruise Operations</li> </ul> <p>You will be expected to take part in a range of industry and study visits which will require you to wear appropriate clothing. It would be of benefit to have a valid UK passport for certain elements of the course.</p>	
<b>Progression into careers via:</b>	You can progress onto a level 3 qualification in Travel and Tourism or such is the diversity of the Travel and Tourism Industry that learners studying this course will be equipped to seek employment in most areas of the travel and tourism industry such as airports, airlines, tour operators, travel agents and tourist boards
<b>Length of Course:</b>	<b>BTEC</b> One Year
<b>Examination Board:</b>	Edexcel Level 2 BTEC Diploma in Travel and Tourism
<b>Periods Per Week:</b>	20 Hours per week

For further information, please contact:

Jo Simpson  
jo.simpson@estonpark.co.uk



## Travel and Tourism Level 3 BTEC Diploma (formerly National Certificate):

<b>Entry Requirements:</b>	You should have at least five GCSEs at C and above including English Language and a commitment to your studies
<b>Course Content:</b>  <b>Equivalent to :</b> <b>2 A 'Levels</b> <b>(up to 240 UCAS points)</b>	You will study for 10 hours per week over a period of 2 years .This course carries the equivalent to 2 A' Levels and a maximum of 240 UCAS points. This course is designed to develop an understanding of the operations of the Travel and Tourism industry. Throughout the course you will develop knowledge and understanding of the requirements to be employed in a variety of work within the Travel and Tourism industry. There will be a great emphasis on developing work-related skills and you will be encouraged to develop your abilities in all areas through practical work where possible, although it is important to realise that the majority of the delivery will be classroom based. You will also be required to undertake work placement in a relevant field and a residential to gain some evidence for this course, as well as take part in a range of industry and study visits which will require you to wear appropriate clothing. It would be of benefit to have a valid UK passport for certain elements of the course.
<p>The course is made up of core and specialist units.</p> <p><b>Core Units:</b></p> <ul style="list-style-type: none"> <li>• Investigating Travel and Tourism</li> <li>• The Business of Travel and Tourism</li> <li>• The UK as a Destination</li> <li>• Customer Service in Travel and Tourism</li> </ul> <p><b>Specialist Units:</b></p> <ul style="list-style-type: none"> <li>• Marketing Travel and Tourism Products and Services</li> <li>• Preparing for Employment in the Travel and Tourism Industry</li> <li>• The European Travel Market</li> <li>• Long Haul Travel Destinations</li> <li>• Retail and Business Travel Operations</li> <li>• Investigating the Cruise Sector</li> <li>• Tour Operations</li> <li>• Special Interest Tourism</li> <li>• Roles and Responsibilities of Holiday Representatives</li> <li>• Entertainment for Holidaymakers</li> <li>• Work Experience in the Travel and Tourism Industry</li> <li>• Residential Study Visit</li> <li>• Events, Conferences and Exhibitions</li> </ul>	
<b>Progression into careers via:</b>	You can progress into Higher Education or take a degree in Travel and Tourism or a Travel and Tourism related subject such as Hotel Management or Marketing. Alternatively you can gain employment in the many areas of the travel and tourism industry such as airports, airlines, tour operators, travel agents and tourist boards
<b>Length of Course:</b>	<b>BTEC two year</b>
<b>Examination Board:</b>	Edexcel Level 3 BTEC Diploma in Travel and Tourism
<b>Periods Per Week:</b>	10 Hours per week

For further information, please contact:

Jo Simpson  
jo.simpson@estonpark.co.uk

## Critical Thinking AS Level:

<b>Entry Requirements:</b>	5 A* - C grade GCSEs - However this is a very academically demanding course and it is strongly suggested that students who have achieved the majority of their GCSE grades at A* - B consider it.
<b>Course Content:</b>	<p>Sir Martin Kelly ('Fishy Business in Loch Ness' 28th March) reports Dr Ian Winfield as saying that the fish stocks in Loch Ness are not big enough to feed a monster, therefore a monster does not exist. He confuses cause and effect. It is perfectly obvious to me that the reason why the fish stocks are low is because the monster keeps eating them!</p> <p>(Peter Stanton, Letters to the Editor, The Independent, 31st March 1995)</p> <p>This course is not about fish, but about reasoning. The above example shows you how reasoning can lead to differing conclusions. This course aims to increase your ability to interpret, analyse and evaluate ideas and arguments. It will help you to express your ideas in concise, unambiguous language. It will equip you with skills to confront arguments aimed at persuading you to a particular course of action, in an objective way and hopefully allow you to make better decisions as a result. It will help you in all your other courses, as well as in later life.</p>
<b>Progression into careers via:</b>	Critical Thinking trains the mind and provides you with a set of useful skills which can be used in all other areas of academic study. It is especially recommended for any student who is considering an application to a Russell Group University including an Oxbridge application.
<b>Further Information:</b>	Do it, you will never regret it and there is no coursework.
<b>Length of Course:</b>	<b>AS</b> One-year
<b>Examination Board:</b>	OCR GCE in Critical Thinking
<b>Periods Per Week:</b>	2 Hours per week

For further information, please contact:

Hermione Jackson (hjackson@nunthorpe.co.uk)

## Contact Information:

The Sixth Form Experience,  
Normanby Collaborative Centre,  
Burns Road,  
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Alan Widdrington	Sixth Form Director, Normanby Site	Gillbrook College Normanby Road, South Bank, Middlesbrough TS7 0LA widdringtona@gillbrook.org.uk
Dan Metcalfe	Sixth Form Director, Normanby Site	Eston Park School Burns Road, Eston Middlesbrough TS6 9AW dan.metcalfe@estonpark.co.uk
Hermione Jackson	Head of Sixth Form	Nunthorpe School (hjackson@nunthorpe.co.uk)
Richard Armstrong	Head of Sixth Form	Eston Park School (richard.armstrong@estonpark.co.uk)

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