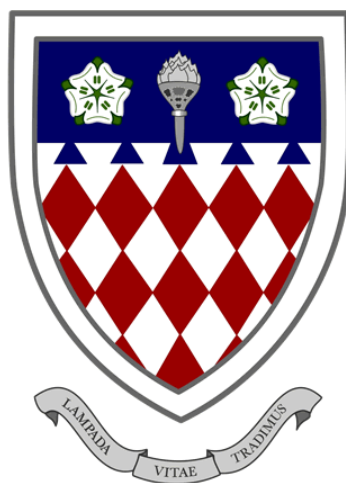


Spalding High School Sixth Form

Btec NATIONAL EXTENDED CERTIFICATE IN INFORMATION TECHNOLOGY



Why Choose Btec Information Technology?

The new BTEC Extended Certificate in Information Technology covers these fundamental aspects of IT in a modern business environment:

- U1 Information Technology Systems
- U2 Creating Systems to Manage Information
- U3 Using Social Media in Business
- U4 Data Modelling (Spreadsheets) **OR** Website Development

It also delivers fundamental IT skills required by most other disciplines and is therefore an excellent choice to supplement or lead A level subject selection.

The qualification is aimed at progression to higher education but also enables students to develop knowledge and skills needed for entry-level roles related to IT, including vocational apprenticeship roles and trainee/entry-level roles such as a social media specialist, web/content developer, or business analyst.

Alongside these subject specialist skills, a level 3 Btec in Information Technology also aims to develop employability skills in the areas of cognition and problem-solving and interpersonal skills.

The course is equivalent to 1 full A level and holds full UCAS points for progression to university.

What career paths might I follow with Btec Information Technology?

When taken alongside other Level 3 qualifications, including Btec Higher Nationals or A Levels in complementary or contrasting subjects, such as mathematics, physics, science, arts or technology, the qualification gives learners the opportunity to progress to a degree in an information technology discipline or a degree where information technology related skills and knowledge may be advantageous.

It also delivers fundamental IT skills required by most other disciplines and is therefore an excellent choice to supplement or lead A level subject selection.

The qualification is aimed at progression to higher education but also enables learners to develop knowledge and skills needed for entry-level roles related to IT, including vocational apprenticeship roles and trainee/entry-level roles such as a social media specialist, web/content developer, or business analyst.

Alongside these subject specialist skills, a level 3 BTEC in Information Technology also aims to develop employability skills in the areas of cognition and problem-solving, intrapersonal skills, and interpersonal skills.

What is the content of the course and how is it assessed?

Learners will develop a common core of IT knowledge and study areas such as the relationship between hardware and software that form an IT system, managing and processing data to support business and using IT to communicate and share information.

4 Units – 3 Mandatory / 1 Optional

U1 Information Technology Systems – External Assessment (Exam)

U2 Creating Systems to Manage Information – External Assessment (Task)

U3 Using Social Media in Business – Internal Assessment

U4 Data Modelling (Spreadsheets) OR Website Development – Internal Assessment

Units (Mandatory):

Unit 1 – Information Technology Systems

- Digital devices in IT systems
- Transmitting data
- Operating online
- Protecting data and information
- Impact of IT systems
- Issues

Unit 2 - Creating Systems to Manage Information

- The purpose and structure of relational database management systems
- Standard methods and techniques to design relational database solutions
- Creating a relation database structure
- Evaluating a database development project

Unit 3 - Using Social Media in Business

- Explore the impact of social media on the ways in which businesses promote their products and services
- Business uses of social media
- Develop a plan to use social media in a business to meet requirements
- Implement the use of social media in a business

What do our students say about Btec Information Technology?

'IT is the perfect subject to improve your problem solving skills, it furthered my confidence as well as providing me with skills that can be transferred across to different areas of work, such as working to a deadline and staying organised. IT is useful for university as it has provided me with the right foundation for how to organise myself and my work, readying me for oncoming years, I will never forget to back up my work again!'

'The IT course is an in depth study of technological components and aspects and how we can apply these to real life situations. The course requires common sense and a lot of logical thinking. It opens up your eyes to what is happening in current news in technology, increasing your understanding of the subject further.'

Specification

Exam Board—Pearson

<http://qualifications.pearson.com/en/qualifications/btec-nationals/information-technology-2016.html>

Entry requirements

GCSE Grade 6 or above in Computing or Grade B in BACS

If not studied previously at least GCSE Grade 5 in English
Language or English Literature

For further details please contact

**Mr A Fovargue
Head of Computing**

Spalding High School, Stonegate, Spalding, PE11 2PJ

01775 722110

enquiries@spaldinghigh.lincs.sch.uk