

BTEC Extended Certificate in Information Technology

Pathway 2

Course description:

With the world around us becoming more dependent on the use of technology, a course in ICT will support students in any job role that they wish to pursue following their KS5 studies. The course provides students with many transferrable skills such as: using social media for business; database management and manipulation and planning and management skills. For those students thinking of a career in the IT industry or just interested in the world around them, there are few better ways of getting an overview and understanding of how ICT can support business. The course is equivalent to one A level. You will develop a range of specialist skills and knowledge that will equip you in the competitive worlds of both employment and university.

The course provides a more practical, real world approach to learning alongside a key, theoretical background. The BTEC in ICT is recognised by a range of universities, employers and professional bodies across the United Kingdom, who had an input into writing the qualification.

Qualifications required:

- In line with the entry requirements for a Pathway 2 subject.
- Grade 4 and 5 in English Language and Maths. This combination of grades can be either way round.

Aims of the course:

- To allow you to gain an understanding of how ICT systems is used in the work place to manage information and allow the organisation to function on a daily basis.
- To allow you to gain an understanding of how Social Media can be used in the work pace to benefit a business.
- To develop ICT skills and competencies that will support you in future IT and non IT related careers.
- To allow you to develop cognitive and problem-solving skills: use critical thinking, approach non-routine problems applying expert and creative solutions, use systems and technology
- To allow you to develop intrapersonal skills: communicating, working collaboratively and negotiating.

Future prospects:

An AS/A2 in ICT can lead to a number of career opportunities and/or University courses. Web design, control systems, Systems Analyst, Business and Information Systems. Skills are also transferrable to many other job roles.

Student feedback:

"ICT is a great subject, you need patience but it is worthwhile."

Subject Teachers:

Miss J M Coe and Mr C Rawlinson

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Features of the course:

Students will understand:

- How to design, create, test and evaluate a relational database system that manages information.
- How to examine the structure of data, its origins and how an efficient data design follows through to an effective and useful database.
- How to examine a given scenario and develop an effective design solution to produce a database system.
- How to test a solution to ensure it works correctly
- How to evaluate each stage of the development process and the effectiveness of your database solution.
- How businesses use social media to promote their products and services.
- How to implement social media activities in a business to meet a business's promotional requirements.
- How to design, test, create and evaluate a website for a given purpose.

Year 12 Units

MODULE

Unit 2: Creating Systems to Manage Information
(Externally assessed 10 hour on screen exam,
submitted electronically) 25%

MODULE:

Unit 3: Using Social Media in Business
(Internally Assessed coursework) 21%

Year 13 Units

MODULE

Unit 1: information Technology Systems
(Externally assessed 90 minute written exam) 33%

MODULE:

Unit 6 : Website development
(Internally assessed coursework) 21%

Methods of Assessment:

58% External Assessment 42% internal Assessment across the 2 years