

Information Technology BTEC

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Key topics covered

Unit 1 – Information technology systems

Where we study the role of computer systems and the implications of their use in personal and professional situations

Unit 2 – Creating systems to manage information

Where we study the design, creation, testing and evaluation of a relational database system to manage information

Unit 3 – Business use of social media

Where we explore how businesses use social media to promote their products and services. Learners also implement social media activities in a business to meet requirements.

Unit 6 – Web development

Where we investigate website development principles and design and develop a website using scripting languages.

Recommended Textbook and/or resources

Course textbooks:

Revise BTEC National Information Technology Revision Guide

Publisher: Pearson

Revise BTEC National Information Technology Units 1 and 2 Revision Workbook

Publisher: Pearson

Why Study the Subject/what students Like about it

BTEC Information Technology is a 'must-have' for every post-sixteen students In today's world, where technology is constantly changing! individuals will increasingly need **IT skills**. IT skills are advantageous everywhere. The impact of IT on society is enormous and as the percentage of businesses and households connected to communication networks such as the internet grows, so does the need for individuals who can **master** and manipulate these **new technologies**.

But why study Information Technology at Hellesdon High Sixth form? A couple of quotes from past students:

The department was proud to have been awarded Bronze for Teacher of the Year by the UEA's "Stars of the East" 2021

"An extremely supportive teacher... able to come up with creative and helpful ways to get students to understand the task or work at hand" - Harvey

"Always energetic and enthusiastic... good at explaining things in ways that make them easier to understand" - Robert

Opportunities outside the classroom

Students get to see behind-the-scenes, going behind previously closed doors to see the large network systems within the school.

Opportunities to explore VR headsets using entertainment, edutainment and creative apps

Students are encouraged to keep up with current Information Technology trends via your favourite media

Future progression/career routes

There can be few jobs these days where the use of IT is not important. Subsequently, people with proven IT skills, such as a BTEC IT, are much in demand by employers and universities locally, nationally and internationally!

Doctors, lawyers, designers, architects, film directors, business leaders all need to have a basic understanding of technical issues and technical proficiency and BTEC IT will give you that skillset.

