

Why this subject?

Information technology (IT) systems have a significant role in the world around us and play a large part in almost everything we do. Having a sound understanding of how to effectively select and use appropriate IT systems will benefit you personally and professionally. This qualification is designed for learners who are interested in an introduction to the study of creating IT systems to manage and share information, alongside other fields of study, with a view to progressing to a wide range of higher education courses, not necessarily with IT being the main focus within your chosen career.

Course Outline

Year 12

Unit 1: Information Technology Systems

Topics included; Digital devices in IT systems, Transmitting data, Operating online, Protecting data and information, Impact of IT systems, Issues.

Unit 2: Creative System to Manage Information

Topics included; 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.

Year 13

Unit 3: Social Media in Business

Topics included; Explore the impact of social media on the ways in which businesses promote their products and services, Develop a plan to use social media in a business to meet requirements, Implement the use of social media in a business.

Unit 6: Website Development

Topics included; Understand the principles of website development, Design a website to meet client requirements, Develop a website to meet client requirements.



Key Information

Exam Board	Pearson
Qualification Type	BTEC Level 3 Nationals
Entry Requirements	Applied BTEC Pathway
Head of Department	Mr Hall

Assessment Outline

Year 12

Unit 1: Information Technology Systems — Exam

Externally Assessed Examined Unit (120 Guided Learning Hours — 33% weighting) - 2 hour written paper

Unit 2: Creative System to Manage Information — Controlled Assessment

Externally Assessed Controlled Assessment Unit (90 Guided Learning Hours — 25% weighting / 10 directed hours in one-week period)

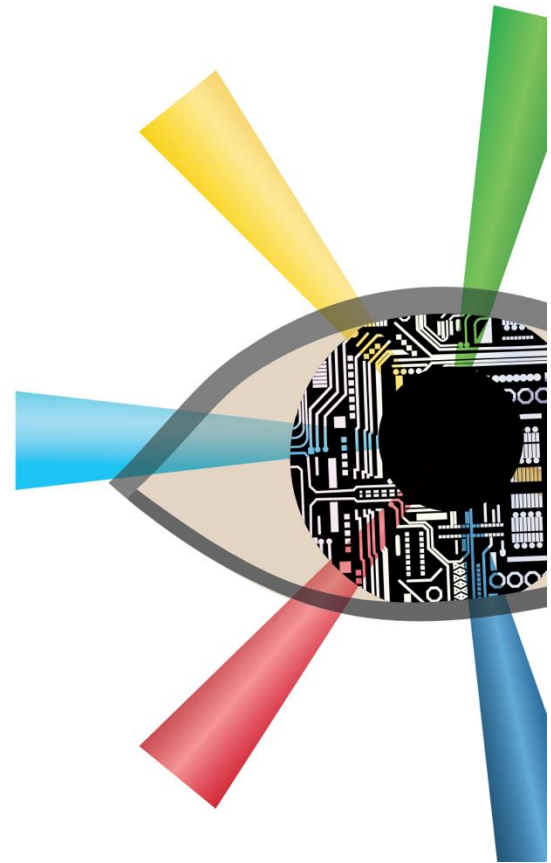
Year 13

Unit 3: Social Media in Business — Coursework - Report

Internally Assessed Coursework Unit (90 Guided Learning Hours — 25% weighting)

Unit 6: Website Development — Coursework - Website

Internally Assessed Coursework Unit (60 Guided Learning Hours — 17% weighting)



Careers and next steps

Students will develop the confidence, skills and knowledge that are valued by employers. Information Technology is a key component of virtually every job on the market and having a good understanding of how to use different types of hardware and software effectively will open doors to many career opportunities. Game designers, web developers and graphic designers are just a few.

IT skills are essential to virtually any job in the 21st century, at all levels. The recent global pandemic increased the need for collaboration and communication across a variety of platforms and businesses. Working remotely and finding online solutions to existing work practices, highlights the necessity of IT skills in an ever-changing technological age.