

INFORMATION TECHNOLOGY

This course is designed to provide a range of practical skills for users of information technology - which is everyone!

COURSE DETAILS

BTEC Level 3
Pearson / National Extended Certificate
No specific entry requirements

BTEC IT is all about becoming a discerning user and designer of IT systems. Cyber security, web design, data management systems and computer models are all explored and utilised in the context of real world business.

Over the course of the qualification students will complete a coursework based unit focused on the use of web design software to create an effective web portal for a business. Students are encouraged to partner with a real organisation and are expected to plan and implement an interactive, multimedia website fit for modern needs.

In a second coursework unit students will design a database solution for a specific business scenario in order to help explore the way that models are used to make business decisions.

There are two external exams, one per year. Paper 1 is a written paper summarising understanding of how individuals and organisation use information technology. This includes an awareness of digital communication, the increasing reliance on mobile devices and the IT infrastructure used in homes and businesses across the world.

The paper 2 exam is focused on cyber security, including a range of threats to data, protective measures, and an understanding of the impact of security threats to modern computer systems.

This course is modular, and each assessment is combined to provide the overall grade at the end of Year 13.

