

DIGITAL IT

Intent

Computing enables students to become digital citizens.

To develop the knowledge & skills needed to successfully use emerging technologies & participate fully in modern society.

Overview:

The BTEC in Digital IT aims to develop the IT skills of students to equip them in their future employment.

The course is split into 3 components; 2 pieces of coursework, each worth 30%, and a written exam worth 40%.

The course develops knowledge of cloud computing, cyber security, Laws and policies, as well as equipping students with skills in office based software such as Powerpoint and Excel.

Future careers:

- E-learning developer
- Forensic computer analyst
- Accountant
- Database administrator
- Social media manager
- Web editor
- Games developer

Curriculum strands:

Strand 1	Strand 2	Strand 3	Strand 4	Strand 5	Strand 6
Communication	Design	Data Analysis	Data Representation	Security	Logical Thinking

Curriculum structure:

Component 1	Coursework = 30%. Creating a Digital Information Point (website) for a given theme. Understanding how to target all age groups and make it accessible to all users.
Component 2	Coursework = 30%. Analysing data through writing formulae into a spreadsheet to create automatic calculations. Using Data Representation techniques to present the data in pivot tables, graphs and charts.
Component 3	Written exam = 40%. Exploring cyber security, cloud computing, the Laws affecting computer use and policies within businesses to safeguard computer use.

