

Digital Information Technology

BTEC Qualification - Pearson

Course Leader: Mr Castlehouse

Successful learner profile

- Passionate about how computers work and how we can effectively use computers.
- Enjoys solving challenging problems
- Able to work independently and show resilience
- For learners who want to acquire technical knowledge and technical skills related to data management, data interpretation, data presentation and data protection

What will you study?

- Component 1: Exploring User Interface Design Principles and Project Planning Techniques
- Component 2: Collecting, Presenting and Interpreting Data
- Component 3: Effective Digital Working Practices

Why choose this course?

The Award gives learners the opportunity to develop sector-specific knowledge and skills in a practical learning environment. The main focus is on four areas of equal importance, which cover the:

- Development of key skills that prove your aptitude in digital information technology, such as project planning, designing and creating user interfaces, creating dashboards to present and interpret data
- Process that underpins effective ways of working in digital information technology, such as project planning, the iterative design process, cyber security, virtual teams, legal and ethical codes of conduct
- Attitudes that are considered most important in digital information technology, including personal management and communication
- Knowledge that underpins effective use of skills, process and attitudes in the sector such as how different user interfaces meet user needs, how organizations collect and use data to make decisions, virtual workplaces, cyber security and legal and ethical issues.

How will you be assessed?

- 2 components are internally assessed through coursework (30% each)
- 1 is assessed by an exam (40% of the course)

Possible progression post 16

- The qualification provides an excellent grounding for subjects that require computational thinking and analytical skills.
- Ideal for learners who want to progress to a digital Apprenticeship or BTEC Level 3 Nationals.

Weblinks

<https://qualifications.pearson.com/en/qualifications/btec-tech-awards/digital-information-technology.html>

Balanced | Rigorous | Coherent | Vertically Integrated | Appropriate | Relevant