

# Digital Information Technology

BTEC Technical Award – Exam Board: Pearson

## Assessment:

- **Non-Exam Assessment (NEA):** Both Component 1 and Component 2 will be assessed through the completion of four set tasks in supervised sessions in school, internally assessed and externally moderated. Each Component contributes 30% to the qualification.
- **Examination:** Component 3 is examined by a 1 hour 30 minute paper which is externally marked and is worth 40% of the overall qualification.

## Key Information:

### Component 1 – Exploring User Interface Design Principles and Project Planning Techniques:

Pupils will develop their understanding of what makes an effective user interface and how to effectively manage a project. They will use this understanding to plan, design and create a user interface.

### Component 2 – Collecting, Presenting and Interpreting Data:

Pupils will understand the characteristics of data and information and how they help organisations in decision making. They will use data manipulation methods to create a dashboard to present and draw conclusions from information.

### Component 3 – Effective Digital Working Practises:

Pupils will explore how organisations use digital systems and the wider implications.

## Who is this course for?

This qualification is for pupils interested in taking a hands-on course alongside that will offer them an insight into what it's like to work in the digital sector. Digital skills span all industries, and almost all jobs in the UK today require employees to have a good level of digital literacy, putting it increasingly on a par with English and maths.

This course gives pupils a broad introduction to several aspects of 'digital', from UX and interface design to data management and IT systems, enabling them to see what areas they are most keen on and keeping their options open for progression. Pupils will acquire sector-specific applied knowledge and skills as well as the processes and attitudes that underpin the sector.

## Skills Gained:

- Sector-specific applied knowledge and skills
- Become competent in data management and data protection
- How to present and interpret data
- Knowledge and understanding of the iterative design process, cyber security, virtual teams and legal and ethical issues
- Personal skills: self management, communication, ability and willingness to evaluate and critically analyse performance

## Linked Careers:

- Network Engineer
- Database Administrator
- IT Support Specialist
- Software Developer/Programmer
- Systems Developer
- Web Designer
- Computer and Video Games Designer

For more information, see the full course specification: [qualifications.pearson.com/en/qualifications/btec-tech-awards/digital-information-technology-2022.html](https://qualifications.pearson.com/en/qualifications/btec-tech-awards/digital-information-technology-2022.html)



Quick guide to Digital Information Technology: [b0746f-btec-tech-awards-digital-information-technology-mini-guide-a4p-prf2.pdf](https://www.pearson.com/qualifications/btec-tech-awards/digital-information-technology-mini-guide-a4p-prf2.pdf)

