



## Purpose Statement

<b>Name of regulated qualification</b>	
<b>QN: 603/2740/6</b>	<b>Title: Pearson BTEC Level 1/Level 2 Tech Award in Digital Information Technology</b>

### The digital sector

The digital sector is a major source of employment in the UK. Around 1.46 million people work in digital companies and there are around 45,000 digital jobs advertised at any one time. Digital skills span all industries, and almost all jobs in the UK today require employees to have a good level of digital literacy. The UK has positioned itself to be the 'Digital capital of Europe' as it continues to invest billions every year in digital skills and commerce. The modern world expects digital skills to be as important as English and Maths. Having both technical skills and business understanding is the key to success.

### What does the qualification cover?

In this qualification, which is 120 GLH, you will develop important technical skills in data interpretation, data presentation and data protection. You will cover aspects of user interface (UI) design and development, and learn how to develop a project plan for your own UI designs.

Cybercrime is an increasing threat – understanding the different types of threats and how to mitigate against them is vital to any business that uses and retains sensitive data. You will develop an understanding of what cyber security is and the importance of legal and ethical considerations when using modern technologies.

Organisations often implement technological improvements by rolling out change projects, so understanding how projects are structured is of vital importance. This qualification will enable you to use project-planning tools, models and techniques within a digital context.

Digital projects today often involve working with diverse teams across different locations. You will develop an understanding of what a virtual work environment is and how cloud technologies allow remote teams to work together more effectively.

### How will you be assessed?

The qualification has three components. In Components 1 and 2 you will carry out tasks or

assignments that your teacher will mark. The internal grading and quality assurance of these two components will give you a clear idea of how well you are progressing in your qualification. Component 3 is externally assessed by Pearson and assesses the knowledge and skills you have developed across all three components. The external assessment will test your ability to recall the knowledge you have gained and allow you to demonstrate that you can apply that knowledge in realistic scenarios and situations.

### **Where will this qualification take you?**

When you have completed the qualification, you will have developed a broad range of practical skills used in digital functions. The digital aspects covered within this qualification are not covered in the GCSE in Computer Science. This qualification will give you a sense of the type of skills, knowledge and behaviours required in the modern digital sector. This will allow you to decide whether the digital sector is for you and, if so, where your strengths lie.

Once successfully completed, you may wish to progress to further study with a BTEC National in IT or Computing at Level 3. You could also progress to a Computer Science AS or A level. These qualifications build upon some of the aspects covered within this qualification and are generally broad in the selection of units available. If you then wish to specialise your learning in a specific digital vocation, you could consider a BTEC Level 2 Technical Diploma in Digital Technology, which enables you to select from three pathways: Data Management, Digital Applications or Network & Cyber Security.

Alternatively, you may want to progress to an apprenticeship, for example at Level 3 in Digital Marketer, Infrastructure Technician or Software Development Technician.

### **What other subjects go well with Digital Information Technology?**

This course builds on and uses the knowledge and skills from GCSE Maths and English. It builds on the digital curriculum covered at key stage 3 and complements learning in other GCSE programmes, such as GCSE Design and Technology, and Computer Science, which could be taken alongside this qualification to further develop your digital skills. There are also a number of design aspects within the user interface element of this qualification that complement BTECs in Art & Design and Creative Media & Digital Production.

### **Who supports this qualification**

- CompTIA
- BT

### **Where can you find out more?**

Further information about this qualification can also be accessed at:

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