



## Purpose Statement

| Name of regulated qualification |                                                                                  |
|---------------------------------|----------------------------------------------------------------------------------|
| QN: 603/7050/6                  | Title: Pearson BTEC Level 1/Level 2 Tech Award in Digital Information Technology |

### Who is this qualification for?

The Pearson BTEC Level 1/Level 2 Tech Award in Digital Information Technology is ideal for you if you are a pre-16 student working at level 1 or level 2 and would like to find out more about the IT industry. This course offers a practical introduction to life and work in the digital sector. The qualification, which is 120 GLH, is the same size and level as a GCSE.

### The digital industry

The digital sector is a major source of employment in the UK. Despite a turbulent economy in 2020 the Digital sector in the UK advertised 90,000 jobs per week during. 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 Tech industry as a whole employs over 2.93 million people and has seen 40% growth between 2017-2019. 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?

This course will give you the opportunity to develop knowledge and technical skills in a practical learning environment. You will also develop key skills, such as user interface (UI) design and development and learn how to develop a project plan for your own UI designs.

Everyone taking this qualification will study three components, covering the following content areas:

**User Interface and User Experience (UI/UX)**, are design elements that are intertwined and are critical aspects of any software, app, or website. Understanding how UI and UX is planned and developed can introduce you to concepts of human/computer interactions (HCI), human psychology, and marketing and design principles. You will develop an understanding of UI UX.

**IT project management**, which is often implemented to introduce technological improvements by rolling out change projects. 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.

**Cloud Computing** is an important computing concept to grasp in today's web based connected world. You will understand how computers are networked online and use web based services to improve data security and manage the costs of handling large volumes of data.

### Where will this take me?

Once you have completed the qualification, you will have developed a practical understanding of the digital sector. You will have built useful skills, which are not generally covered in GCSE courses, and you will have developed a good understanding of whether the IT sector is for you, and if so, which part of it you might want to study further.

If you decide to go on to further study of the IT sector, the best option for you will depend on the grades you have achieved in this and the other qualifications you have taken, and what you enjoy doing. You could progress to a Level 2 Technical Certificate or to a Level 3 programme, such as A Levels, a T Level or a BTEC National, either on its own or in combination with A levels.

### What other subjects go well with IT?

This course builds on and uses the knowledge and skills you learn in your GCSEs, particularly in Computer Science. It can also be complementary learning for creative media, engineering and maths. This course is different from studying GCSEs, as, by taking part in different types of digital activities, it gives you the opportunity to apply your knowledge, skills and the techniques you learn in practical ways.