Purpose Statement

Name of regulated qualification	
QAN: 603/0878/3	Title: Pearson BTEC Level 2 Technical Diploma in Digital Technology (360 GLH)

What is digital technology?

Digital technology is an integral part of all businesses today, from mobile and online presence to delivering reliable network connections, managing your information and backing up your data. Businesses rely on digital technology to manage and improve their customer communications, product/service delivery, financial management and staff training.

To succeed in the digital economy, businesses are adapting to new methods and ways of working; shifting their focus from making and delivering things to helping customers achieve their goals.

Who is this qualification for?

This qualification is for you if you want to start a career in digital technology. It is designed for post-16 students and can be taken as part of a wider study programme. It is an ideal qualification if you are intending to progress directly to employment within the digital technology sector or to a digital apprenticeship.

What does the qualification cover?

This qualification, with its specific pathways, has been developed in consultation with employers in the information technology sector to ensure that you learn the skills and behaviours that will give you the best opportunity to be successful when applying for work.

Within each specific pathway, all the content of the qualification is mandatory and relates directly to the skills, knowledge and behaviours expected by employers in the information technology sector. Content common to all pathways is designed to give a general grounding that covers:

- installing, configuring and testing a computer system to given user requirements

- investigating current and emerging technologies and how organisations use them to meet their business needs
- understanding the threats to IT system security, and the methods used to protect against them
- interpreting the needs of an organisation and how to design an appropriate information technology (IT) solution.

You will enhance your broader skills in literacy and numeracy, which will be invaluable in supporting progression in other areas. In addition, you will develop transferable technical and practical skills in communication (working with colleagues, customers and clients), and research and project work, providing you with an opportunity to demonstrate your ability to respond with flexible solutions for a range of organisational types and issues.

Content within each pathway is designed to enable you to begin to specialise in one area, where there are more specific job roles or further training opportunities. The particular pathways covered are:

Pearson BTEC Level 2 Technical Diploma in Digital Technology (Digital Applications) – pathway specific mandatory units cover:

- digital application development, user interface design and testing to create a functional digital media product for a defined target audience
- developing multichannel digital technology solutions that meet an organisation's goals.

Pearson BTEC Level 2 Technical Diploma in Digital Technology (Networking and Cyber Security) – pathway specific mandatory units cover:

- configuring a network for a range of given situations including key components, protocols and services that software applications offer to support networking
- understanding network management functions and Cloud computing, as well as understanding how to manage differing network types utilising a range of tools and services.

Pearson BTEC Level 2 Technical Diploma in Digital Technology (Data Management) – pathway specific mandatory units cover:

- collecting data, planning, creating and using databases, and presenting information to a range of audiences for given purposes
- manipulating different types of data – you will produce visual representations of data and perform maintenance activities, finding solutions to produce a finished product.

Which qualifications would complement this qualification?

This qualification is 360 guided learning hours and is equivalent in size to 3 GCSE qualifications. It is designed for students who are interested studying digital technologies alongside an English and/or Maths GCSE course as well as related courses such as Business, Geography, or Science.

If there are larger and/or smaller versions of this qualification, or it is available in different pathways, why should you choose this one?

The *Pearson BTEC Level 2 Technical Diploma in Digital Technology (Digital Applications)* is intended for students seeking to focus their occupational learning at level 2 on the development and use of digital applications for a defined target audience.

The *Pearson BTEC Level 2 Technical Diploma in Digital Technology (Networking and Cyber Security)* is intended for students seeking to focus their occupational learning at level 2 on networking infrastructure and security including the key components and functions of a range of hardware, tools and services.

The *Pearson BTEC Level 2 Technical Diploma in Digital Technology (Data Management)* is intended for students seeking to focus their occupational learning at level 2 on understanding the sources and functions of data and transforming data into information to support a particular need.

What could this qualification lead to?

Achieving this qualification will give you an advantage when applying for a job in the information technology sector and can be studied as part of a full study programme, typically alongside other subjects such as English and maths. The types of roles this may lead to include entry level roles in areas such as:

- applications development
- network support
- data support.

Studying any pathway provides you with broad progression opportunities into work and also helps employers to understand areas that you have studied that are relevant to more specific further training opportunities. Some apprenticeships may require achievement of specific units. You should always check the entry requirements for the apprenticeship of interest.

When studied as part of a full study programme, this qualification also gives you a sound basis to progress further within the information technology sector to a level 3 qualification such as a Pearson BTEC Level 3 National Extended Certificate in Information Technology, or to further training such as an apprenticeship in digital technology.

Who supports this qualification?

This qualification is supported by the following professional bodies:

- Tech Partnership

This qualification is supported by the following employers:

- BT
- Certification Partners
- Prodigy Learning.

Further information

The suite also includes the following qualification:

Pearson BTEC Level 2 National Technical Certificate in IT Support, which is 240 guided learning hours, is designed for post-16 students and can be taken as part of a wider study programme. It is an ideal qualification for those wishing to start a career in IT support.

The content in this qualification is complemented by and mapped to the following external specialist certifications:

- CompTIA Fundamentals
- CompTIA A+
- MTA 98-366 Networking Fundamentals
- MTA 98-367 Security Fundamentals.

Further information about the qualification can also be accessed at:
http://qualifications.pearson.com/en/qualifications/btec-technicals/digital-technology.html