BTEC Tech Award in Digital Information Technology

Pearson
603/7050/6 Level 1/Level 2

What is this course about?

The Tech Award gives learners the opportunity to develop sector-specific applied knowledge and skills through realistic contexts. The main focus is on four areas

- Development of key skills in digital information technology, such as project planning, designing and creating user interfaces and dashboards as a way to present and interpret data
- The 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, such as how different user interfaces meet user needs, how organisations collect and use data to make decisions, virtual workplaces, cyber security and legal and ethical issues.
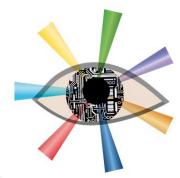
What will I learn?

- **Component 1: Exploring User Interface Design Principles and Project Planning Techniques**
  - Learners 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**
  - Learners 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 Practices**
  - Learners will explore how organisations use digital systems and the wider implications associated with their use

How will I be assessed?

Component	Description of Pearson-set Assignment	Window for assessment
Component 1: Exploring User Interface Design Principles and Project Planning Techniques	Non-exam internal assessment set by Pearson, marked by the centre and moderated by Pearson. The Pearson-set Assignment will be completed in approximately 6 hours of supervised assessment. 60 marks.	December/January and May/June from 2023 onwards
Component 2: Collecting, Presenting and Interpreting Data	Non-exam internal assessment set by Pearson, marked by the centre and moderated by Pearson. The Pearson-set Assignment will be completed in approximately 6 hours of supervised assessment. 60 marks.	December/January and May/June from 2023 onwards
Component 3: Effective Digital Working Practices	External assessment set and marked by Pearson, completed under supervised conditions. The assessment will be completed in 1 hour 30 minutes within the period timetabled by Pearson. 60 marks.	January/ February and May/June from 2024 onwards

Information Technology

Where could this course take me in the future?

Learners who generally achieve at Level 2 across their Key Stage 4 learning might consider progression to:

- A Levels as preparation for entry to higher education in a range of subjects
- study of a vocational qualification at Level 3, such as a BTEC National in IT, which prepares learners to enter employment or apprenticeships, or to move on to higher education by studying a degree in the digital sector