

BTEC Technical Award in Digital Information Technology

Year 11 Parent's Guide

Course Consists of 3 Units

Pearson BTEC Level 1 and 2 Technical Award in Digital Information Technology

| Component | Component Title | Learning Hours/Weighting | Level | Assessment |
|-----------|--|--------------------------|-------|---|
| 1 | Exploring User Interface Designs | 36 (30%) | 1/2 | Internally assessed assignments |
| 2 | Collecting, Presenting and Interpreting Data | 36 (30%) | 1/2 | Internally assessed assignments |
| 3 | Effective Digital Working Practices | 48 (40%) | 1/2 | External Assessment (Feb 2021 and / or June 2021) |

Component 1– User Interface Design

- **Aim:** How to project plan the design and development of a user interface
- **Assessment:** Internally assessed assignments **worth 30% of qualification**

You will explore user interfaces, discover how to develop and review them, and investigate to how to use project planning techniques.

Component 2 – Presenting and Interpreting Data

- **Aim:** Process and interpret data and draw conclusions (Spreadsheets/Databases)
- **Assessment:** Internally assessed assignments **worth 30% of qualification**

You will explore how data impacts on individuals and organisations. Develop a dashboard using data manipulation tools. Draw conclusions and make recommendations on data intelligence.

Component 3 – Digital Working Practices

- **Aim:** Explore how organisations use digital systems and the wider implications associated with their use.
- **Assessment:** Scenario based external assessment where students demonstrate their knowledge to propose digital solutions to realistic situations **worth 40% of qualification.**

You will explore how modern IT is evolving. Understand what cyber security is and how to safeguard against it. Consider legal and ethical issues in data and information sharing.

Resources and Useful links

- **Books: (All available on Amazon)**
 - BTEC Tech Award in Digital IT - by David Waller -ISBN: 9781292208374
 - Revise BTEC Tech Award Digital Information Technology Revision Guide - by Alan Jarvis - ISBN: 9781292272740
- **Exam board website:**
 - <https://qualifications.pearson.com/en/qualifications/btec-tech-awards/digital-information-technology.html>
- **Know it all Ninja:**
 - <https://www.knowitallninja.com/>
 - (Login provided by school, student can access from home to practice exam-styled questions)
- **Lesson Resources:**
 - Lesson Notebook and Teams activities