

INFORMATION TECHNOLOGY

BTEC TECH AWARD

INTRODUCTION

The digital sector is a major source of employment in the UK, with 1.46 million people working in digital companies and around 45,000 digital jobs advertised at any one time. Digital skills span all industries; 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. This BTEC Award gives learners the opportunity to develop sector-specific knowledge and skills in a practical learning environment.

WHAT WILL I LEARN?

You will learn about information technology and its application to the real world.

HOW WILL I BE ASSESSED

BTEC Tech Award in Digital Information Technology is equivalent to one GCSE and consists of three Units - one externally assessed written paper (40% of the qualification) and two units which are internally assessed (30% each). Grades are awarded at Level 1 Pass, Merit, Distinction; Level 2 Pass, Merit, Distinction and Distinction*.

Component 1

Exploring User Interface Design Principles and Project Planning Techniques – (30%)

- explore user interface design and development principles
- investigate how to use project planning techniques to manage a digital project
- discover how to develop and review a digital user interface



Component 2

Collecting, Presenting and Interpreting Data – (30%)

- explore how data impacts on individuals and organisations
- draw conclusions and make recommendations on data intelligence
- develop a dashboard using data manipulation tools

Component 3

Effective Digital Working Practices – (40%)

- explore how modern information technology is evolving
- consider legal and ethical issues in data and information sharing
- understand what cyber security is and how to safeguard against it

FUTURE OPPORTUNITIES

The BTEC Tech Award in Digital Information Technology provides opportunities for students to progress to academic qualifications, including the BTEC Level 3 National Extended Certificate in Information Technology that we offer in the Sixth Form, or more specialised vocational pathways.

FURTHER INFORMATION

For further information please speak to your IT/Computing Teacher or Ms Samosa, Assistant Headteacher and Head of ICT. Full course details can be found at:

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