

DIGITAL INFORMATION TECHNOLOGY

COURSE OVERVIEW

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

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. This looks at modern technologies, cyber security and the legal impact of systems.

KNOWLEDGE & SKILLS DEVELOPED

This gives you the opportunity to develop sector-specific knowledge and skills in a practical learning environment.

The main focus is on four areas of equal importance, which cover the following:

- Development of key skills that prove your aptitude in digital information technology, such as project planning, designing and creating user interfaces, creating dashboards to present and interpret data.
- 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, process and attitudes in the sector such as how different user interfaces meet user needs, how organisations collect and use data

Qualification: **BTEC**

Awarding Body: **EDEXCEL**

ASSESSMENT METHOD

Examination and coursework.

Components 1 and 2 (30% each) are assessed internally in the form of coursework

Component 3 (40%) is assessed by an external written exam

POST 16 OPPORTUNITIES AND CAREERS

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. ICT as a subject opens many doors whether it be in industry or further education.

This qualification provides a broad and solid foundation for further study of various aspects of creative computing, such as graphic design, web design, computer games design and interactive media. It supports progress to further study, including:

Level 3 BTEC in Information Technology, GCE in Media: Communication and Production, Level 3 BTEC in Creative Media Production and Level 3 Principal Learning in Creative and Media.



"This gives me really useful skills which I can use in the real world."

