

**QAN: 601/7575/8**

**Holds full UCAS points**

**Equivalent to 1 full A level.**

**Overview:**

This qualification is designed for learners who are interested in an introduction to the study of creating IT systems to manage and share information, alongside other fields of study, with a view to progressing to a wide range of higher education courses, not necessarily in IT.

Learners will develop a common core of IT knowledge and study areas such as the relationship between hardware and software that form an IT system, managing and processing data to support business and using IT to communicate and share information.

4 Units – 3 Mandatory / 1 Optional

- U1 Information Technology Systems – External Assessment (Exam)
- U2 Creating Systems to Manage Information – External Assessment (Task)
- U3 Using Social Media in Business – Internal Assessment
- U4 Data Modelling (Spreadsheets) OR Website Development – Internal Assessment

**Units (Mandatory):**

Unit 1 – Information Technology Systems

- Digital devices in IT systems
- Transmitting data
- Operating online
- Protecting data and information
- Impact of IT systems
- Issues

Unit 2 - Creating Systems to Manage Information

- The purpose and structure of relational database management systems
- Standard methods and techniques to design relational database solutions
- Creating a relation database structure
- Evaluating a database development project

Unit 3 - Using Social Media in Business

- Explore the impact of social media on the ways in which businesses promote their products and services
- Business uses of social media
- Develop a plan to use social media in a business to meet requirements
- Implement the use of social media in a business

### **Career Progression:**

When taken alongside other Level 3 qualifications, including BTEC Higher Nationals or A Levels in complementary or contrasting subjects, such as mathematics, physics, science, arts or technology, the qualification gives learners the opportunity to progress to a degree in an information technology discipline or a degree where information technology related skills and knowledge may be advantageous.

The qualification supports entry to, for example:

- HND in Business
- BA (Hons) in Computer Arts
- BSc (Hons) in Fashion Buying Management
- BSc (Hons) in Software Development for Animation
- BA (Hons) in Accounting and Finance.

It also delivers fundamental IT skills required by most other disciplines and is therefore an excellent choice to supplement or lead A level subject selection.

The qualification is aimed at progression to higher education but also enables learners to develop knowledge and skills needed for entry-level roles related to IT, including vocational apprenticeship roles and trainee/entry-level roles such as a social media specialist, web/content developer, or business analyst.

Alongside these subject specialist skills, a level 3 BTEC in Information Technology also aims to develop employability skills in the areas of cognition and problem-solving, intrapersonal skills, and interpersonal skills.

### **Quotes:**

*“IT is the perfect subject to improve your problem solving skills, it furthered my confidence as well as providing me with skills that can be transferred across to different areas of work, such as working to a deadline and staying organised. IT is useful for university as it has provided me with the right foundation for how to organise myself and my work, readying me for oncoming years, I will never forget to back up my work again!”*

*“The IT A-level is an in depth study of technological components and aspects and how we can apply these to real life situations. The A-level requires common sense and a lot of logical thinking. It opens up your eyes to what is happening in current news in technology, increasing your understanding of the subject further.”*