

About the course

The objective of this qualification is to give students the opportunity to develop their knowledge and skills in IT systems, systems management and social media in business.

Unit 1: Information Technology Systems

This unit will give you a fundamental and synoptic understanding of all areas of IT, supporting your progression to an IT-related higher education course.

Unit 2: Creating Systems to Manage Information

You will examine a given scenario and develop an effective design solution to produce a database system.

Unit 3: Using Social Media in Business

You will explore different social media websites, the ways in which they can be used and the potential pitfalls when using them for business purposes.

Unit 5: Data Modelling

You will investigate the fundamentals of the decision-making process. You will find out how using data modelling provides the computational ability to compare consequences and determine a preferred course of action.

Students opting for double award will also study:

Unit 4: Programming

You will learn about computational thinking skills and the principles of designing and developing computer programs. You will apply computational thinking skills to design, develop, test, refine and review computer programs for a given range of purposes.

Unit 9 - IT Project Management

You will investigate the principles of project management and different project management methodologies, as used in the IT industry. You will deliver an IT project using at least one project management methodology and complete the five main stages of a project.

Unit 11: Cyber Security and Incident Management

You will examine the many different types of cyber security attacks, the vulnerabilities that exist in networked systems and the techniques that can be used to defend an organisation's networked systems. You will investigate the techniques used to assess risks and ways of planning to deal with the results of a cyber security incident and recover systems following an incident.

Unit 17: 2D and 3D Digital Graphics

You will design and develop 2D and 3D digital graphics for an audience and purpose. To do this you will use specialist software and hardware to develop the graphics that could be included in a larger media product, such as a user interface, a website or a computer game.



**Information technology
and business are
becoming inextricably
interwoven**

Bill Gates

How it will be assessed

Unit 1 is assessed through an external written exam
Unit 2 and Unit 11 are board set tasks that are externally marked.
All other units are internally assessed.

What it prepares you for

The BTEC in IT is a largely practical qualification that will provide you with the skills and confidence to enter the world of work or seek opportunities within Higher Education.

This qualification is recognised by employers and will provide you with a solid foundation to progress on to a career within the IT sector.

