



## Course Requirements

Sixth Form Entry Requirement

## Syllabus

Pearson

## Who to Contact

Mrs G Barton  
Course Leader

## Overview

This course 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. 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.

The objective of this qualification is to give learners the opportunity to develop their knowledge and skills in IT systems, systems management and social media in business. This will enable learners to progress to further study in the IT sector or other sectors.

When taken alongside 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.

## Structure

3 mandatory units:

### Unit 1: Information Technology Systems

Learners study the role of computer systems and the implications of their use in personal and professional situations.

### Unit 2: Creating Systems to Manage Information

Learners study the design, creation, testing and evaluation of a relational database system to manage information.

### Unit 3: Using Social Media in Business

Learners explore how businesses use social media to promote their products and services. Learners also implement social media activities in a business to meet requirements.

1 optional unit from:

### Unit 5: Data Modelling

Learners study how data modelling can be used to solve problems. They will design and implement a data model to meet client requirements.

### Unit 6: Website Development

Learners investigate website development principles. They will design and develop a website using scripting languages.