

## Sport Pathway

Students can choose from the following courses:  
**Sport, Business, a science-based subject, and Computer Studies.**

Complementary subjects:  
**Geography, History, Psychology and Sociology.**



## Health Pathway

Students can choose from the following courses:  
**Health and Social Care, Business, Sport, and Computer Studies.**

Complementary subjects:  
**Psychology and Sociology, Biology.**



## Business Pathway

Students can choose from the following courses:  
**Business, Languages, Maths, and Computer Studies.**

Complementary subjects:  
**English Literature, a science-based subject, Geography, History, Philosophy and Ethics, Psychology and Sociology.**



# Level 3 BTEC Computing

The Business, Sport or Health Pathway

## Why study Computing?

This course is aimed at students who have an enthusiasm for using computers to solve problems and an interest in the impact computing has and will have on society. Computing is a major part of modern life and the ability to understand how computers work and what they can achieve is a major advantage in the workplace. The course aims to equip students with the skills to enable them to use computers effectively in the workplace or move onto higher education.

## What does the course involve?

### Fundamentals of computer systems

Learners study the fundamental principles of how computer systems work, including the role of hardware and software, the way components of a system work together and how data in a system is used.

### IT Systems Security and Encryption

Coursework Learners will study IT system security threats and the methods used to protect against them. Learners undertake activities to protect IT systems from security threats, including data encryption.

## What can the qualification lead to?

Preparing you for the world of work or university. Computing is offered by universities either as a subject in its own right, or, in combination with a wide range of subjects, e.g. Career Opportunities: Software Engineer, Security Consultant, Network Manager.

## Who is it for?

People love to solve problems, because computers solve problems to serve people.