

BTEC Extended Certificate in Computing

This course gives learners invaluable experience on how computers operate and allows them to build and use their own computer programmes. It is designed to improve employability by developing logical thinking, cognitive and problem solving skills and also develops transferable skills such as independent learning and the ability to carry out methodical research.

Programme of Study

Year 12		Year 13	
Unit	Assessment Method	Unit	Assessment Method
Principles of Computer Science	External	Human – Computer Interaction	Internal
Fundamentals of Computer Systems	External	ICT Security Systems and Encryption	Internal

Pathways

Computer science will develop computational thinking, helping learners to develop the skills to solve problems, design systems and understand the power and limits of human and machine intelligence. These skills are hugely valuable and lend themselves to vast career prospects including games development, software engineering, computer forensics and web development to name a few. Our BTEC allows for a balanced approach to learning with internal and external assessment methods.

Student Quotes

‘The level three course in computing has provided me with a platform to learn computing fundamentals in a vocational setting. I have learnt skills that can be used in my future regardless of whether that is at university or on an apprenticeship.’

Daniel

‘This course has allowed me to learn about a range of different programming languages and computing fundamentals over a period of two years. The course is practical and there is plenty of scope to develop understanding using the latest technologies available.’

Alister