

ICT BTEC



Our students say...

“In ICT BTEC this year I have taken a computer apart and rebuilt it which was fun. As well as practical work, I am also developing my interpersonal skills by working in groups and practising real life scenarios. It is an interesting course and I am earning lots of UCAS points to help me get into University”.

Year 13 student

Method of assessment 33% written exam, 33% external assessment, 34% internal assessment.

Key Skills

In today's world, where ICT is constantly changing, individuals will increasingly need technological and information literacy skills that include the ability to gather, process and manipulate data. These skills are now as essential as the traditional skills of numeracy and literacy.

BTECs offer a practical approach that can be lacking in more traditional routes, by applying learning to real-life situations. Students have to undertake a number of units for which they present evidence, based on actual work and studies. This allows them to demonstrate their skill and knowledge.

Entry Requirements

Grades C and above in English, Maths and ICT GCSE Grade B

Course Content — AS Level

Level 3 Certificate

Communication and Employability Skills for IT

AIM: to ensure that learners understand both the personal attributes valued by employers and the principles of communicating effectively whilst developing effective communication skills and addressing their own personal development needs.

Computer Systems

AIM: to enable learners to understand the components of computer systems and develop the skills needed to recommend appropriate systems for business purposes and set up and maintain computer systems.

Event Driven Programming

AIM: This unit allows learners to become familiar with the underpinning concept of event driven programming and subsequently develop particular skills in an event driven language.

Course Content — A2 Level

Level 3 Subsidiary Diploma

Computer Networks

AIM: to ensure learners understand the key components of networked systems, know about network protocols and the services provided by network systems and develop the skills required to ensure network security

Software Design and Development

AIM: to enable learners to understand the principles of software design and be able to use tools to develop software designs

Impact of the Use of IT on Business Systems

AIM: to ensure learners understand the effects developments in IT have on organisations and how organisations respond to these developments, and enable learners to propose IT-enabled improvements to business systems