

Information Technology Practitioners BTEC National Diploma (previously known as Certificate).

What are the aims of the course?

This course is aimed at offering Post 16 students the opportunity to cover all of the foundation work needed to continue to a degree in Information Technology. This course is equivalent to 2 A Levels.

What does it involve?

The Course comprises of 12 units: **Core units:** (all must be taken)

- Communication and Employability Skills for IT
- Computer Systems
- Information Systems
- Impact of the Use of IT on Business Systems

Specialist Units (8 Must be taken):

- IT Project
- Advanced Database Skills
- Advanced Spreadsheet Skills
- IT Systems Analysis and Design
- Communication Technologies
- Client Side Customisation of Web Pages
- Data Analysis and Design
- Developing Computer Games
- Human Computer Interaction
- Controlling Systems Using IT
- Organisational Systems Security
- Maintaining Computer Systems
- Principles of Software Design and Development
- Website Production and Management
- Installing and Upgrading Software
- Digital Graphics and Computers
- Computer Animation
- Principles of Computer Networks
- IT Technical Support
- IT Systems Troubleshooting and Repair

How is it assessed?

All units are assessed and graded internally. Coursework is produced for all units. An overall grade for the course is awarded as a combination of the grades achieved.

Are there any specific entry requirements?

The normal entry requirements apply for an Advance course (5 A* to C), including a pass for ICT (BTEC).

Why is it a useful qualification?

The course has been set up to fill in the projected shortage of ICT skills that has been predicted for the future.