



Post 16 Prospectus:

BTEC Nationals Information Technology

National Certificate (AS) & Extended National Certificate (A2)

Examining Board: Pearson

Introduction

This full National Certificate (AS equivalent) and National Extended Certificate (A2 equivalent) course is designed to encourage candidates to develop broad skills, knowledge and understanding of the IT sector. The course will prepare students for further study and training.

What will I learn?

- To select and use appropriate IT tools and techniques to help them carry out investigations, capture and handle data, solve problems, make decisions, and present and communicate information.
- Are aware of the benefits and drawbacks of IT and its impact on the way in which people live their lives.
- Produce business-related content using appropriate features of social media which meet the requirements of the plan.
- Be able to develop a database solution to meet a client brief with appropriate justification
- Make connections between the application of technologies, procedures, outcomes and solutions to resolve IT problems
- Produce a website for an intended audience and purpose.
- Have an opportunity to apply learning in a practical and realistic way.
- Follow a programme of study that enables progression to both higher education and employment within IT.
- Develop Key Skills that are highly valued by employers and universities.
- Gain confidence through developing independent learning, communication and decision-making skills.

What will I study?

The qualification has two units in the National Certificate and four units in the National Extended Certificate. AS units and three A2 units. There are five portfolios and one externally assessed units.

| | |
|---|---|
| National Certificate (year 1) | |
| Creating Systems to Manage Information | 10 hour practical exam, completed over 1 week |
| Using Social Media in Business | Internally assessed portfolio |
| Extended National Certificate (year 2) | |
| Information and Technology Systems | 2 hour written exam |
| Website Development | Internally assessed portfolio |



Post 16 Prospectus:

BTEC Nationals Information Technology

National Certificate (AS) & Extended National Certificate (A2)

Examining Board: Pearson

What are the entry requirements?

General entry requirement for Post-16: 5 grade 4/C at GCSE, preferably including English and Maths.
Specific entry requirements: Grade 4 in IT and/or English.

Support for students –

We provide a good amount of one-to-one intervention with students after school, lunchtimes, study periods and during the holiday (necessary as the projects are highly personalised). Marking and feedback is frequent to support students in refining their coursework to be the best that they can make it.

Student success –

Ex IGS student, Eben Upton, founder and former trustee of the Raspberry Pi Foundation, now CEO of Raspberry Pi Trading LTD. Students on our courses have gone on to study Computer Science, Engineering, Networking, Digital Media, ICT and Information Management as well as apprenticeships in IT.