



BTEC EXTENDED CERTIFICATE IN INFORMATION TECHNOLOGY

Mr Hamilton – Teacher of BTEC IT and Lead IV

The BTEC Information Technology Course

BTEC Level 3

- A combination of coursework, exams and controlled assessment
- Recognised by universities
- Equivalent to 1 A Level (UCAS points)
- Duration – 2 years

BTEC Information Technology

- 90 minute exam
- 5 hour Controlled Assessment in Year 12
- 1 mandatory assignment looking at how Social Media is used in business
- 1 optional assignment to design a website for a business



Topics covered in BTEC

- Digital devices in IT systems
- Transmitting data
- Issues related to transmission of data
- Operating online
- Protecting data and information
- Impact of IT systems
- The purpose and structure of relational database management systems
- Standard methods and techniques to design relational database solutions
- Creating a relational database structure
- Database development
- Impact of social media on business
- Planning to use social media to meet a business requirement
- Implement social media business solutions
- Understanding the principle's of website design
- Designing a website to meet a clients requirements
- Developing a website to meet a clients requirements

BTEC examples of student progression to IT related courses 2020

- Bournemouth University – Business Information Technology
- University of Gloucestershire- Primary Education
- Nottingham Trent University– Information Systems
- Degree Level Apprenticeship in Web design



Non – IT related

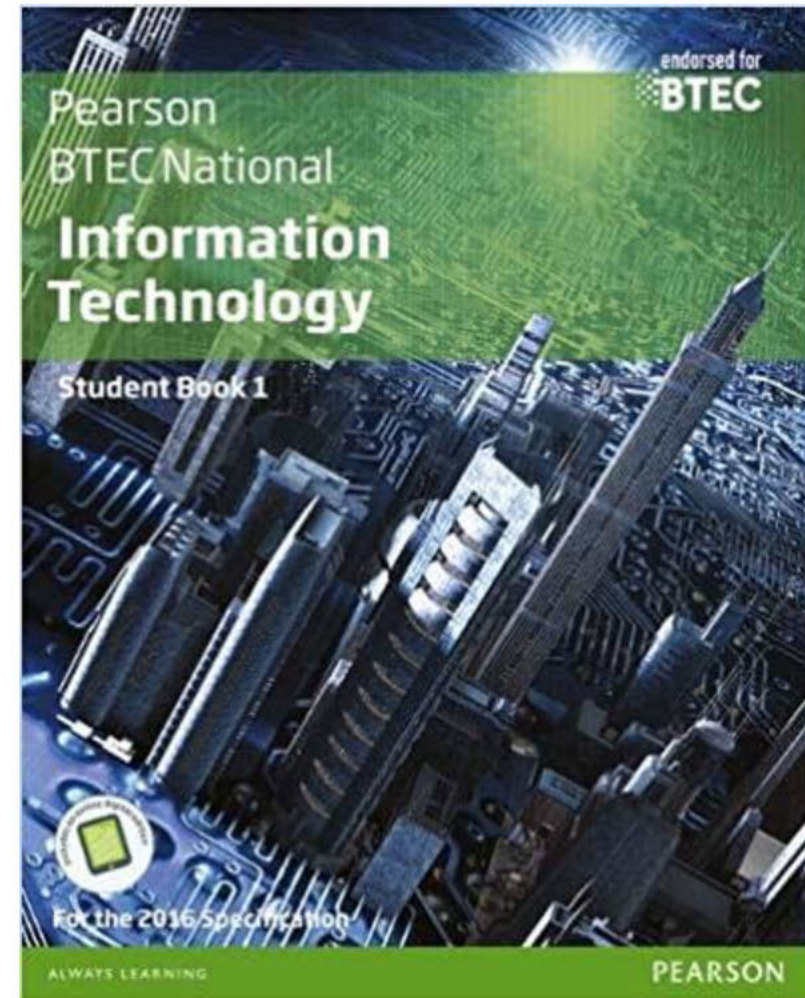
- Exeter – Business
- Nottingham – International Business
- Sussex – International Business
- Nottingham – Business Management and Marketing

The Students

- Over to year 12 and 13 A Level students

Workload

- Step up from GCSE (difficulty and quantity)
- Manageable if students stay organised
- IT homework can be enjoyable and interesting
- Challenging ourselves and being creative



Why we recommend Information Technology

- Creative environment
- Builds upon and develops work place ready skills
- Links well with other subjects
- Provides a stepping stone for higher education
- Prepares you for 'business ready' thinking
- Enhances your skills in data management
- Great teachers and resources



Questions and next steps

Questions

- By email
- Call via school office
- Students at lunchtime in my office

Next steps

- Have a look at the topics
- Speak to year 12 and 13 who do the course
- Email – ma.hamilton@roundwoodpark.co.uk with any questions or m.desborough@roundwoodpark.co.uk

