

### Level 3 BTEC ICT [Double] Diploma Year 1: Key Information

#### Exam Information

Exam Board and Specification Number

Edexcel Pearson (720 GLH) 603/0455/8

Link to exam board specification website

<http://qualifications.pearson.com/en/qualifications/btec-nationals/information-technology-2016.html>

#### How is the Subject Assessed?

Exam Units

**Unit 1: The Information Age**

**Assessed by a 2 hour examination in the Summer Term**

**Unit 2: Managing Information**

**Assessed by a 10 hour examination in the Summer Term**

Internal Units

**Unit 3: Using Social Media**

**Assessed Internally and Sampled by the Exam Board**

**Unit 4: Programming**

**Assessed Internally and Sampled by the Exam Board**

#### Year 1

These are the Units of Work / Modules we study in Year 1

**Unit 1: Information Technology Systems:** Learners study the role of computer systems and the implications of their use in personal and professional situations.

**Unit 2: Creating Systems to manage information:** Learners study the design, creation, testing and evaluation of a relational database system to manage information.

**Unit 3: Using Social Media:** Learners explore how businesses use social media to promote their products and services. Learners also implement social media activities in a business to meet requirements.

**Unit 4: Programming:** Learners study the underpinning concepts and implications of programming languages to design, develop and test computer programs.

#### Entry Requirements

[Click here to access the ICT Double Award Enrolment Task](#)

The minimum entry requirement will be six GCSE qualifications at grade 4 - 9 including English Language and Mathematics. In addition to this students will be expected to achieve a grade 5 or above in ICT, Computing or a related subject.

#### Useful Resources for this subject

Links to useful resources to prepare you for this subject

[Glossary of Technical Terminology](#)

[Past Exam Papers & Assignment Briefs](#)

[Related Videos/Articles & Recommended Reading Texts](#)

[ICT VIP Zone](#)

**Books:** The Art of Social Media: Power Tips for Power Users

Book by Guy Kawasaki and Peg Fitzpatrick

**Magazines:** Wired, New Scientist

**Visit:** The National Museum of Computing: <https://www.tnmoc.org/>

## Level 3 BTEC ICT [Double] Diploma

### Progression

Progression Route, Higher Education & Career opportunities

Students will progress into Year 2 where you have the opportunity to gain 2 A Level equivalent qualifications in this subject. A level 3 qualification in ICT will enable you to enter degree & degree level courses in Computer Science.

[Click here for information on Careers in ICT](#)

## Level 3 BTEC ICT [Double] Diploma Year 2: Key Information

### Exam Information

Exam Board and Specification Number

Edexcel Pearson (720 GLH) 603/0455/8

Link to exam board specification website

<http://qualifications.pearson.com/en/qualifications/btec-nationals/information-technology-2016.html>

### How is the Subject Assessed?

Exam Units

**Unit 11: Cyber Security**

**Assessed by a 10 hour examination in the Summer Term**

Internal Units

**Unit 6: Website Design**

**Assessed Internally and Sampled by the Exam Board**

**Unit 8: Gaming**

**Assessed Internally and Sampled by the Exam Board**

**Unit 9: Project Management**

**Assessed Internally and Sampled by the Exam Board**

### Year 2

These are the Units of Work / Modules we study in Year 2

**Unit 6 – Website Development:** Learners investigate website development principles. They will design and develop a website using scripting languages.

**Unit 8 – Computer Games Development:** investigate the computer games industry and its impact on technological & social trends. You will design and develop a computer game to meet requirements.

**Unit 9 – IT Project Management:** Learners investigate a range of project management principles and methodologies whilst undertaking the management of a 'live' or 'simulated' IT project.

**Unit 11 – Cyber Security:** Learners study cyber security threats and vulnerabilities, the methods used to protect systems against threats and how to plan for and manage security incidents.

### Entry Requirements

[Click here to access the ICT Transition Task](#)

The minimum recommended entry requirement is a merit grade at AS Level [Year 1]

### Useful Resources for this subject

Links to useful resources to prepare you for this subject

[Glossary of Technical Terminology](#)

[Past Exam Papers & Assignment Briefs](#)

[Related Videos/Articles & Recommended Reading Texts](#)

### [ICT VIP Zone](#)

**Books:** Trigger Happy: The inner life of videogames - Stephen Poole, Accidental Empires - Robert X Cringely

**Magazines:** Wired, New Scientist

**Visit:** The National Museum of Computing: <https://www.tnmoc.org/>

### Progression

#### Progression Route, Higher Education & Career opportunities

Level 3 qualifications in ICT will enable you to enter degree & degree level courses in Computer Science or any other technology computing qualification.

[Click here for information on Careers in ICT](#)

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