

Key Stage 5 - Level 3 BTEC ICT [Double] Diploma

Year 1:

Exam Information
Exam Board and Specification Number:
Edexcel Pearson: (720 GLH) 603/0455/8
Click here for the link to the exam board specification website.

How is the Subject Assessed?	
Exam Units:	
Unit 1: The Information Age	<i>Assessed by a 2 hour examination in the Summer Term.</i>
Unit 2: Managing Information	<i>Assessed by a 10 hour examination in the Summer Term.</i>
Internal Units:	
Unit 3: Using Social Media	<i>Assessed Internally and Sampled by the Exam Board.</i>
Unit 4: Programming	<i>Assessed Internally and Sampled by the Exam Board.</i>

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
Students must complete the Year 12 Summer Preparation Task before beginning the course.
The minimum entry requirement will be 5 GCSE qualifications at Grades 4 - 9 including English Language and Mathematics. In addition to this students will be expected to achieve a grade 5 or above [M2 - D2] 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
Book: The Art of Social Media: Power Tips for Power Users by Guy Kawasaki and Peg Fitzpatrick
Magazines: Wired, New Scientist
Visit: The National Museum of Computing: https://www.tnmoc.org/

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

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Year 2:

Exam Information
Exam Board and Specification Number:
Edexcel Pearson: (720 GLH) 603/0455/8
Click here for the link to the exam board specification website.

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