

ICT Double Award [Level 3]

Exam board & Specification Number	Edexcel Pearson: (720 GLH)
Qualification Accreditation Number (QAN)	603/0455/8
Link to Course Details Webpage	Click Here
Duration, Delivery and Study Mode	Two Years Full Time Day Time Study
Start Date (not flexible) and Campus	01 September from Stanley Avenue Campus

Course Details: Who is this Course for?

This course is for students progressing from GCSE into Level 3 (A Level or Equivalent) studies, with a view to study this subject or related subjects at degree level.

Course Details: What Will You Learn?

Year 1	<p>Unit 1 - Information Technology Systems: Learners study the role of computer systems and the implications of their use in personal and professional situations.</p> <p>Unit 2 - Creating Systems to manage information: Learners study the design, creation, testing and evaluation of a relational database system to manage information.</p> <p>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.</p> <p>Unit 4 - Programming: Learners study the underpinning concepts and implications of programming languages to design, develop and test computer programs.</p>
Year 2	<p>Unit 6 – Website Development: Learners investigate website development principles. They will design and develop a website using scripting languages.</p> <p>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.</p> <p>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.</p> <p>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</p>

Course Details: How will you be Assessed?

These are the Unit Codes and their percentage weighting at AS Level:	
Unit 1: The Information Age (20%)	Assessed by a 2 hour examination in the Summer Term
Unit 2: Managing Information (10%)	Assessed by a 5 hour examination in the Summer Term
Unit 3: Using Social Media (10%)	Assessed internally and sampled by the exam board
Unit 4: Programming (10%)	Assessed internally and sampled by the exam board
Unit 11: Cyber Security (20%)	Assessed by a 9 hour examination in the Spring Term
Unit 6: Website Design (5%)	Assessed internally and sampled by the exam board
Unit 8: Gaming (5%)	Assessed internally and sampled by the exam board
Unit 9: Project Management (20%)	Assessed internally and sampled by the exam board

Course Details: Entry Requirements

Please see our [webpage](#) for details of our course entry requirements.

Students must achieve a D grade or higher at the end of Year 12 in order to progress into Year 2 of this course.

Additional Course Information

Course Details: How will you Learn?

Delivery Mode:

- Classroom based teaching
- Online Platform
- Application Software

Course Details: Equipment / Materials you will need

- Cloud Computing Access
- Text Book
- USB

How can I prepare for and explore this course further?

- [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/>

Careers & Progression (Where Next)?

Career ideas and Progression route:

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

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