

Year 12 Information Technology

Course title: BTEC Level 3 AAQ in Information Technology	Exam board: Pearson BTEC	Specification code: 610/3960/3
How will students be assessed?		
Mandatory – Units 1, 2, 3 & 4 Unit 1: Information Technology Systems – Yr 12 external assessment – May 2027 assessed 33.3% Unit 2: Cyber Security and Incident Management – Yr 13 external assessment Jan 2028 33.3% Unit 3: Website development Yr 12 internal assessment 16.7%% Unit 4: Relational database development – Yr 13 internal assessment 16.7%		

Half term	Key content
1	Unit 1 Information Technology Systems Learning Aim A – Explore the concepts and implications of the use of, and relationships among devices that form IT systems - A1 Functions and use of digital devices, and the notation used to represent the design of IT systems - A2 Peripheral devices and media - A3 Computer software in an IT system Review and recap of summer transition work and purpose of Databases Case studies and exam style questions, construction of revision resources
2	Unit 1 Information Technology Systems - A4 Choosing IT systems, - A5 Emerging technologies Learning Aim B: Transmitting data – Connectivity, networks, ilssues relating to transmission of data Learning Aim C : Operating online, Online systems, Online communities Exam style questions, practice and feedback
3	Unit 1 Information Technology Systems Learning Aim D: Protecting data and information, Threats to data, information, and systems, Protecting data Learning Aim E; Impact of using IT systems, Online services, Using and manipulating data Jan/February Mock Exam Unit 3 Website Development Learning Aim A Understand how the principles of website development are used to create effective website

	A1 Purpose and principles of websites, A2 Planning a website in response to a client brief
4	Unit 1 Information Technology Systems F: Issues Moral and ethical issues, Legal issues Pre-Easter full paper Mock exam Unit 3 Website Development Learning aim B – Explore website design skills and techniques to meet client requirements, B1 Website design, B2 Asset management Techniques, introduction to software for website development and practising skills
5	Unit 3 Website Development Learning Aim C Develop a website to meet client requirements C1 Common tools and techniques to produce a website C2 Website development processes C3 Testing Continuous revision and preparation with past papers for Unit 1: Information Technology Systems – Revision – Exam May 2027
6	Submission of Assessment brief Unit 3 Website Development Start Unit 2 Cyber Security and incident management: Learning Aim A & B