

Year 13 Information Technology

Course title: BTEC Level 3 National Extended Certificate in Information Technology	Exam board: Edexcel	Specification code: 601/7575/8
How will students be assessed?		
Mandatory – Units 1, 2 & 3 Unit 1: Exam (33.33%) Unit 2: Externally assessed controlled coursework (25%) Unit 3: Internally assessed coursework (25%) Unit 5: Internally assessed coursework (16.67%)		

Half term	Key content
1	<p>Teacher 3 (3 Weeks)</p> <p>A Investigate data modelling and how it can be used in the decision-making process</p> <p>A1 Stages in the decision making process</p> <p>A2 Spreadsheet features used to support data modelling</p> <p>A3 Using data modelling to consider alternatives</p> <p>A4 Evaluating models</p> <p>A5 Documenting and justifying decisions</p> <p>Unit 1: Information Technology Systems</p> <p>Teacher 1 (WLU)</p> <p>B Transmitting data</p> <p>B1 Connectivity</p> <p>B2 Networks</p> <p>B3 Issues relating to transmission of data</p> <p>C Operating online</p> <p>C1 Online systems</p> <p>C2 Online communities</p> <p>Teacher 2 JPN</p> <p>A Digital devices in IT systems</p> <p>A1 Digital devices, their functions and use</p> <p>A2 Peripheral devices and media</p> <p>A3 Computer software in an IT system</p> <p>A4 Emerging technologies</p> <p>A5 Choosing IT systems</p>

2	<p>Teacher 1 WLU</p> <p>E Impact of IT system</p> <p>E1 Online services</p> <p>E2 Impact on organisations</p> <p>E3 Using and manipulating data</p> <p>Teacher 2 JPN</p> <p>D Protecting data and information</p> <p>D1 Threats to data, information and systems</p> <p>D2 Protecting data</p> <p>F Issues</p> <p>F1 Moral and ethical issues</p> <p>F2 Legal issues</p>
3	<p>Unit 1: Information Technology Systems</p> <p>External Assessment</p> <p>(Timetabled by Edexcel)</p> <p>Unit 5: Data Modelling</p> <p>All teachers</p> <p>B Design a data model to meet client requirements</p> <p>B1 Functional specification</p> <p>B2 Spreadsheet model design</p> <p>B3 Reviewing and refining data model designs</p>
4	<p>All teachers</p> <p>C Develop a data model to meet client requirements</p> <p>C1 Developing a data model solution</p> <p>C2 Testing the data model solution</p> <p>C3 Reviewing and refining the data model solution</p> <p>C4 Skills, knowledge and behaviours</p>
5	<p>Unit 5: Data Modelling</p> <p>Final assignment submission & resubmission</p> <p>Potential re-sit of Unit 1 Exam</p>
6	

