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	**Unit 1: Information Technology Systems** **Teacher 1 AMc/WLU/DHO** **B Transmitting data** B1 Connectivity B2 Networks B3 Issues relating to transmission of data **C Operating online** C1 Online systems C2 Online communities **Teacher 2 JPN** **A Digital devices in IT systems** A1 Digital devices, their functions and use A2 Peripheral devices and media A3 Computer software in an IT system A4 Emerging technologies A5 Choosing IT systems
2	**Teacher 1 AMc/WLU/DHO** **E Impact of IT system** E1 Online services E2 Impact on organisations E3 Using and manipulating data **Teacher 2 JPN** **D Protecting data and information** D1 Threats to data, information and systems D2 Protecting data **F Issues** F1 Moral and ethical issues F2 Legal issues
3	**Unit 1: Information Technology Systems** **External Assessment**

	(Timetabled by Edexcel) **Unit 5: Data Modelling** **Teacher 1 AMc/WLU/DHO** **B Design a data model to meet client requirements** B1 Functional specification B2 Spreadsheet model design B3 Reviewing and refining data model designs **Teacher 2 JPN** **A Investigate data modelling and how it can be used in the decision-making process** A1 Stages in the decision making process A2 Spreadsheet features used to support data modelling A3 Using data modelling to consider alternatives A4 Evaluating models A5 Documenting and justifying decisions
4	**Teacher 1 AMc** C Develop a data model to meet client requirements C1 Developing a data model solution C2 Testing the data model solution C3 Reviewing and refining the data model solution C4 Skills, knowledge and behaviours
5	**Unit 5: Data Modelling** **Final assignment submission & resubmission**
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