

Information Technology – Year 11

Course Title: Cambridge National in IT Level 1 / 2 J836	Exam Board: OCR	Specification code: 603/7115/8
How will students be assessed? ASSESSMENT: R050 – IT in the digital world – Written examination (January of Year 11) 1hr 30mins worth 40% of the overall qualification R060 – Data manipulation using spreadsheets NEA of 10–12 hours – internal assessment, worth 30% of the overall qualification – Completed in Year 10 R070 – Using Augmented Reality to present information NEA of 10–12 hours – internal assessment , worth 30% of the overall qualification Key Events: NEA R060 Summer Year 10. NEA R070 completed Year 11 and R050 (Exam) January 2027		

Key Content
Term 1 – R050 IT in the digital world Revision of R050 content from Year 10 (Topic 1. Design tools, Topic 2 HCI's, Topic 3 Data & Testing, Topic 5. Digital communications) Topic 4 Cyber security and legislation Topic 4.1 Types of threats, 4.2 Impacts of cyber security attacks Topic 4.3 Physical and logical prevention measures and secure destruction of data Topic 4.4 Legislation related to use of IT systems Exam technique – Exam style questions based on planning tools and contextual questions
Term 2 – R050 IT in the digital worldTopic 6 Internet of Everything –meaning and use of IoE, the four pillars, interaction between four pillars, application areas in everyday life, purpose, benefits and drawbacks, suitability and security issues 6.1 Use of IoE, 6.2 Application areas in everyday life Revision of Topic areas covered in Year 10 Topic Area 3: Data and testing, Topic Area 4: Cyber-security and legislation, Topic Area 5: Digital communications with practice papers Exam technique – improving approach to questions and focus on IT specific language and context Revision mind maps and revision materials – Mock Exam & Mock exam feedback
Term 3 – January R050 IT in the digital world EXAM Exam technique – Exam style questions based on planning tools and contextual questions & revision Unit R070: Students start NEA Task 1 – Augmented Reality set assignment This will be preceded with additional teaching and practical software skills before the NEA commences planning and designing the solution to meet the clients requirements and using the pre-defined assets. New target setting
Term 4 R070 Augmented Reality NEA Part 2 – Using Augmented Reality to present information– creating the Augmented Reality solution, following designs, testing the solution, evaluating the solution Converting file types and NEA processes/documentation New target setting

Term 5

R070 Augmented Reality NEA Part 3 – Evaluation of the AR product, completing final NEA evidence, file conversion and preparation for exam board.