Key Stage 5 (12)		
Course title: Level 3 Alternative Academic Qualification Cambridge Advanced National in Computing: Application Development		
Exam board: OCR		
Specification code: H129		
Autumn 1 (September-October)	**Software and Hardware** An introduction to new software and hardware that is required across the units of this course. For example: - Canva - Pixlr - PowerApps - Balsamiq - Cameras and tripods	**F162: Designing and Communicating UX/UI solutions** Principles of UX and UI design - Basics of UX and UI - Application end user considerations - UX/UI design principles - UX/UI design psychology - UX/UI experience - UX/UI interface design standardisation Plan UX/UI solutions - Requirements of UX/UI solutions - Tools and techniques
Autumn 2 (October-December)	**F160: Fundamentals of Application Development** Types of software used in application design - Programs and applications - Operating Systems - Application types and categories Software development - Models - Phases	**F162: Designing and Communicating UX/UI solutions** Design UX/UI solutions - Tools to represent UX/UI solutions - Tools to check UX/UI solution designs Communicate UX/UI solutions - Develop UX/UI solution showcases - Techniques to deliver UX/UI solution showcases Review and improve UX/UI solutions - Review the fitness for purpose - Improvements to UX/UI solutions - Review the processes used Preparations for NEA
Spring 1 (January-February)	**F160: Fundamentals of Application Development** Job roles and skills Planning application development projects - Considerations - Tools Application design scoping - Gathering client requirements - Client requirement specifications - Decomposition methods Human computer interface and interaction - HCI and devices	**F162: Designing and Communicating UX/UI solutions** Preparation for NEA Start NEA

	• Design considerations • Design documents and diagrams	
Spring 2 (February-March)	**F160: Fundamentals of Application Development** Preparation for external assessment	**F162: Designing and Communicating UX/UI solutions** Complete NEA
Summer 1 (April-May)	**F160: Fundamentals of Application Development** Final preparations for external assessment External assessment	**F162: Designing and Communicating UX/UI solutions** Improvements to NEA Submission for moderation **F164: Web Development** Introduction to unit content and assessment methods
Summer 2 (May-July)	**F164: Web Development** Fundamentals of website development • Website principles • Purpose of websites • Website types • Webpage components and structure • Search Engine Optimisation Practical skills	