



| Y10 | Knowledge | Tier 2 Vocabulary | Skills | Assessment |
|-----------------|---|--|---|--|
| Autumn 1 | <p>Module 1: Stages of the Project Lifecycle</p> <p>Module 2: Mitigating risks for a project</p> <p>Module 3: Planning and reviewing project phases</p> | <ul style="list-style-type: none"> • Initiation • Planning • Execution • Iterative review • Interaction • Mitigation • PERT Chart • Gantt Chart • Milestones • Resources | <p>-The phases of the project life cycle, including flow of inputs/outputs.</p> <p>-Identify & overcome risks affecting projects</p> | End of term assessment (past exam questions) |
| Autumn 2 | Skills Building: Project | <ul style="list-style-type: none"> • Assets • Manipulation • Hyperlinks • Table • Query • Function • Formula | <p>-organisation & research</p> <p>-image manipulation</p> <p>-presentation software</p> <p>-database software</p> <p>-spreadsheet software</p> | Practical Assessment |
| Spring 1 | <p>Module 4: Creating, updating, deleting and using data</p> <p>Module 5: Presenting information in a meaningful way</p> | <ul style="list-style-type: none"> • Illustrate • Tasks • Cell • Column • Row • Model • Slide Master | <p>-Understand planning tools and software.</p> <p>-Learn to analyse a brief.</p> <p>-Understand the difference between data & information.</p> <p>-Learn how to enter manipulate data.</p> | Google Form assessment |
| Spring 2 | Skills Building: Mock Coursework | <ul style="list-style-type: none"> • Audience • Objective • Requirement • Navigation • Header/Footer • Purpose | <p>-Learn how to present information, what tools to use and why.</p> <p>-Understand a brief</p> <p>-Presentation software</p> <p>-Spreadsheet software</p> | Practical Assessment |
| Summer 1 | <p>Module 6: Final evaluation for a project</p> <p>Module 7: Collecting and storing data</p> | <ul style="list-style-type: none"> • Review • Evaluation • Big data • Storage devices • Data types • Validation | <p>-Understand how to review a project against client needs.</p> <p>-Learn how to decide on the best data collection and storage method.</p> | Practical Assessment |
| Summer 2 | <p>Module 8: Cyber security</p> <p>Module 9: Legislation and data reliability</p> | <ul style="list-style-type: none"> • Threats • Vulnerabilities • Prevention • Impact • Malware • Legislation • Reliability • Bias | <p>-Understand threats, how/ why they are used and their impact.</p> <p>-Understand the laws that are relevant to IT systems and project management</p> | Past paper |



| Y11 | Knowledge | Tier 2 Vocabulary | Skills | Assessment |
|----------|---|---|--|-----------------------------|
| Autumn 1 | <p>R012 Exam focus LO1: Project Lifecycle. LO3: Data & Information. LO4: Threats.</p> | <ul style="list-style-type: none"> • Inputs • Outputs • Success Criteria • Constraints • Feasibility • Alphanumeric • Boolean • Mitigation • Social engineering | <p>Understand:</p> <ul style="list-style-type: none"> -the phases of the project lifecycle. -the difference between data & information -threats to IT systems | End of topic exam questions |
| Autumn 2 | <p>R012 Exam focus LO6: Processing data & presenting information. Exam technique & revision.</p> | <ul style="list-style-type: none"> • Spreadsheet • Database • Demographics • Target audience • Content limitations • Connectivity • Describe • Justify • Discuss • Explain • Evaluate | <ul style="list-style-type: none"> -Understand the different methods of processing data and presenting information. -Exam technique. | External Exam |
| Spring 1 | <p>R013 Controlled Assessment Skills focussed</p> | <ul style="list-style-type: none"> • Solution • Calculate • Integrated • Present • Identify • Develop • Legal • Moral • Ethical • Initiate • Import • Manipulate • Select • Iteratively • Review • Mitigate • Appropriate • Testing | <p>To be able to:</p> <ul style="list-style-type: none"> -initiate and plan a solution to meet an identified need. -import and manipulate data to develop a solution to meet an identified need. -select and present information in the development of the solution to meet an identified need. -iteratively review the development of the solution. | Controlled Assessment |
| Spring 2 | | | | |
| Summer 1 | | | | |
| Summer 2 | - | - | - | - |