**Sample Assessment Outline**

Computer Science

General Year 12

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# Sample assessment outline

# Computer Science – General Year 12

## Unit 3 and Unit 4

| **Assessment type (from syllabus)** | **Assessment type weighting (from syllabus)** | **Assessment** **task** **weighting** | **When/start and submission date** | **Assessment task** |
| --- | --- | --- | --- | --- |
| Project | 50% | 20% | Semester 1Week 7–9 | **Task 2:** Analyse and document an existing system, and recommend appropriate computer hardware and software upgrades that suit specifications. Create a budget of costs for the upgrading equipment using a spreadsheet application. |
| 20% | Semester 2Week 10–12 | **Task 6:** Using the software development cycle (SDC) design and develop a programming solution, for example in a computer game, in a suggested programming environment that is based on a theme and matches client requirements.  |
| 10% | Semester 2Week 15–16 | **Task 8:** Based upon a case study, recommend and create a network digram and justify a local area network (LAN) for a small business.  |
| Theory test | 20% | 10% | Semester 1Week 6 | **Task 1:** A series of short answer and extended questions based upon System analysis and development content. |
| 10% | Semester 2Week 3 | **Task 4:** A series of short answer and extended questions based upon Developing software content. |
| Practical test | 15% | 7.5% | Semester 1Week 16 | **Task 3:** A practical test consisting of creating a working single table dabase that includes data types, primary keys and queries. |
| 7.5% | Semester 2Week 13 | **Task 7** A practical test consisting of the development, debugging or modification of a simple programming solution using a chosen programming language. This should include the use of variables, data types, control structures. This task should also include the identfication of types of programming errors. |
| Externallyset task | 15% | 15% | Semester 1Week 13 | **Task 5:** A task set by the SCSA based on the following content from Unit 3 – <teacher to insert information provided by the Authority> |
| **Total** | **100%** | **100%** |  |  |