**Sample Assessment Outline**

Computer Science

General Year 12

**Acknowledgement of Country**

Kaya. The School Curriculum and Standards Authority (the Authority) acknowledges that our offices are on Whadjuk Noongar boodjar and that we deliver our services on the country of many traditional custodians and language groups throughout Western Australia. The Authority acknowledges the traditional custodians throughout Western Australia and their continuing connection to land, waters and community. We offer our respect to Elders past and present.

**Copyright**

© School Curriculum and Standards Authority, 2015

This document – apart from any third party copyright material contained in it – may be freely copied, or communicated on an intranet, for non-commercial purposes in educational institutions, provided that the School Curriculum and Standards Authority (the Authority) is acknowledged as the copyright owner, and that the Authority’s moral rights are not infringed.

Copying or communication for any other purpose can be done only within the terms of the *Copyright Act 1968* or with prior written permission of the Authority. Copying or communication of any third party copyright material can be done only within the terms of the *Copyright Act 1968* or with permission of the copyright owners.

Any content in this document that has been derived from the Australian Curriculum may be used under the terms of the [Creative Commons Attribution 4.0 International licence](https://creativecommons.org/licenses/by/4.0/).

**Disclaimer**

Any resources such as texts, websites and so on that may be referred to in this document are provided as examples of resources that teachers can use to support their learning programs. Their inclusion does not imply that they are mandatory or that they are the only resources relevant to the course.

# 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 1  Week 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 2  Week 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 2  Week 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 1  Week 6 | **Task 1:** A series of short answer and extended questions based upon System analysis and development content. |
| 10% | Semester 2  Week 3 | **Task 4:** A series of short answer and extended questions based upon Developing software content. |
| Practical test | 15% | 7.5% | Semester 1  Week 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 2  Week 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. |
| Externally set task | 15% | 15% | Semester 1  Week 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%** |  |  |