Government of **Western Australia**
School Curriculum and Standards Authority

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.

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%**		