SAMPLE ASSESSMENT OUTLINE

COMPUTER SCIENCE
ATAR YEAR 11

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.

Sample assessment outline

Computer Science – ATAR Year 11

Unit 1 and Unit 2

Assessment type (from syllabus)	Assessment type weighting (from syllabus)	Assessment task weighting	When/start and submission date	Assessment task
Project	40%	20%	Semester 1 Weeks 5–12	**Task 1:** Using the framework for development, design and create an interactive puzzle, card or board game in Python using a variety of control structures, data types and one-dimensional arrays.
		20%	Semester 2 Week 10–12	**Task 6:** Investigate, design, create and manipulate a relational database with a minimum of three tables (RDBMS) for a community organisation or based on a local innovation. The design should include a data dictionary, entity relationship (ER) diagrams and normalisation. Include a variety for SQL queries for data output.
Theory test	20%	10%	Semester 1 Week 14	**Task 3:** A series of short answer and extended questions based upon Network Communications and programming content that includes the creation of network diagram using CISCO diagrammatic conventions.
		10%	Semester 2 Week 4	**Task 5:** A series of short answer and extended questions based upon Cyber Security concepts including the use of common ciphers.
Practical test	10%	5%	Semester 1 Week 10	**Task 2:** A practical test that includes error detection, debugging code and testing of a predetermined programming prototype. Use appropriate test data, type and range checking to gather solutions
		5%	Semester 2 Week 14	**Task 7:** A practical test that requires the manipulation of an existing RDBMS through SQL queries including SELECT, INSERT, DELETE, UPDATE and aggregate functions.
Examination	30%	10%	Semester 1 Week 16	**Task 4:** Semester 1 examination – 2.5 hours using a modified examination design brief from the ATAR Year 12 syllabus. Section One: 15 questions (40%); Section Two: four questions (60%).
		20%	Semester 2 Week 16	**Task 8:** Semester 2 examination – 3 hours using the examination design brief from the ATAR Year 12 syllabus. Section One: 20–30 questions (40%); Section Two: four to six questions (60%).
Total	**100%**	**100%**		