



Course Information

Business and Information Technology

Computer Science | CSC

About the course

The Computer Science ATAR course builds on principles from previous Digital Technologies studies, enhancing skills in analysis and algorithm design to solve real-world problems. Students develop computational, algorithmic, and systems thinking skills applicable across various domains. The course covers software development, networking, data management, and cyber security. With the increasing amount of digital data and internet-connected devices, data management and cyber security are critical. This field continues to seek new, young experts to address these growing challenges.



A1CSC

Unit 1 Computer based systems, spreadsheet and database solutions

In this unit, students gain knowledge and skills to create software solutions. They use algorithms and structured programming to design and implement software solutions for a range of problems. They consider the complex interactions between users, developers, the law, ethics and society when computer systems are used and developed. Students learn about network communications and the transfer of data through a network.

The unit content includes both theoretical aspects (Knowledge) and practical aspects (Skills).

Unit 1 is divided into two content areas:

- Programming
- Network communications.

 <p>Prerequisites Minimum C grade in Year 10 Computing or equivalent standard</p>	 <p>Type of Assessment 40% Project 20% Theory Test 10% Practical Test 30% Examination</p>
 <p>Year of Study Year 11</p>	 <p>Costs \$35</p>