

VCE Applied Computing

VCE Applied Computing is the study of computer-based solutions to modern problems. It focuses on the strategies and techniques for producing digital solutions and how to protect them from ongoing security threats.

There is one Year 11 subject (Applied Computing) and two Year 12 subjects (Data Analytics and Software Development). Applied Computing in Year 11 introduces and prepares students for both Year 12 subjects. Students can do both Data Analytics and Software Development in Year 12.

Applied Computing Unit 1 & 2	Data Analytics Unit 3 & 4
In Unit 1 & 2 you will: <ul style="list-style-type: none">• Collect authentic data and process it into meaningful information• Learn basic programming (C#.net)• Program a full working solution• Learn basic computer networking• Evaluate security	In Unit 3 & 4 you will: <ul style="list-style-type: none">• Analyse, collect and process authentic data to produce information• Produce data visualisations• Analyse and Design a research question of your choice• Develop the solution for your research question and evaluate• Learn how to respond to and prevent data security threats
Types of assessment	Class Activities
<ul style="list-style-type: none">• Software solutions• Case study reports• Analysis and Design folios	<ul style="list-style-type: none">• Computational problem solving• Data collection, analysis and processing• Develop solutions• Programming

Careers that may link to this subject area

Cybersecurity

Data Analyst

Database Administrator

Game Developer

Helpdesk

Network Administrator

Programmer

Software Engineer

Systems Analyst

Web Designer

