

VCE Applied Computing – Software Development

VCE Software Development is the study of producing software solutions and the proper analysis, design and development of these solutions and how to evaluate them. Software Development involves a School Assessed Task (SAT); a problem or opportunity of the student's choice that spans approximately 12 weeks that students produce a solution for.

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.

Software Development Unit 3	Software Development Unit 4
In Unit 3 you will: <ul style="list-style-type: none">• Implement algorithms for searching and sorting data• Solve computational problems• Analyse a problem or opportunity of your choosing• Design the solutions to your problem or opportunity	In Unit 4 you will: <ul style="list-style-type: none">• Develop, test and document your software solution• Evaluate your solution• Learn about how security threats work and how to defend against them
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 and analysis• Solution design• Solution development

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

