

Computing Science

Advanced Higher



What skills will you gain?

- > master computational thinking skills in computing contexts
- > work with advanced concepts and processes in computing science
- > apply skills and knowledge in analysis, design, development, implementation and evaluation to a range of digital solutions
- > apply creative problem-solving skills across a range of contexts
- > develop autonomous learning, investigative and research skills
- > communicate advanced computing concepts clearly and concisely, using appropriate terminology

Topics covered:

- Software Design and Development
- Computer Systems
- Database Design and Development
- Web Design and Development

Entry Requirements?

- A or B in Higher Computing or completion of Year 1 Foundation
- Apprenticeship in Software Development

How and where will I study?

Virtual classes use online technologies, such as Google Hangouts, in timetabled sessions and will have a college lecturer in virtual attendance during the class.

How will I be assessed?

- There will be an external exam which is 50% of the final mark.
- There is also assessed coursework which is 50% of the final mark.

Where will it take me?

On the successful completion, you might consider studying a variety of computing science courses at a higher level or along with other Highers, application to study computing science at university.

How do I apply?

You will apply online. Please speak to your school guidance teacher for more information.