

## What will I study?

There are four units of study:

**Computer Systems**— Computer architecture and how data is represented in binary form. Current trends in intelligent systems and storage; Security issues; Legislation affecting IT and environmental impact.

**Software Design and Development (SDD)**—Solving complex programming problems using Visual Basic. Testing, identifying errors and evaluating solutions.

**Database Design and Development (DDD)**—Design, implementation and interrogation of relational databases using Structured Query Language (SQL).

**Website Design and Development (WDD)**—Design, implementation and testing of websites, using a range of development tools eg. HTML, CSS, PHP and Javascript.

## What skills will I develop?

Develops your skills in programming digital solutions, designing and scripting webpages, designing and interrogating relational databases.

It will develop your problem solving, computational and critical thinking skills required in all walks of life.

Develops awareness of current trends in computing technologies.

## How will I be assessed?

You will be assessed by an external exam worth 2/3 of your final mark.

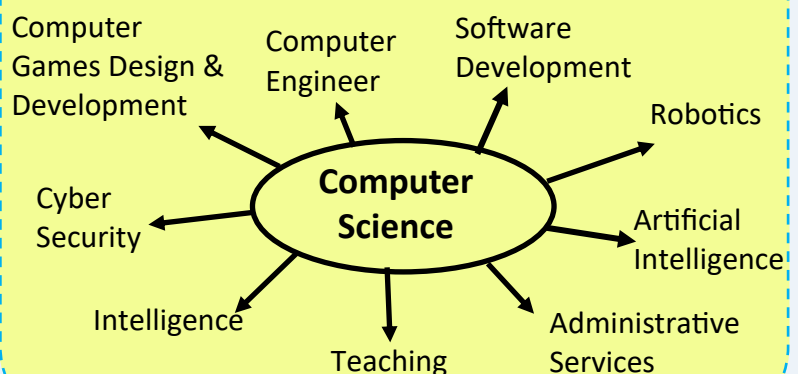
There is also an external coursework component worth a 1/3 of your final mark. The coursework takes place at the end of the course, SDD is compulsory and candidates have option of doing WDD or DDD. Both are externally marked.

## What help is Higher Computing Science after school?

You will have a range of IT, coding and computational thinking skills that you will find invaluable irrespective of your chosen path.

University/college courses in Computing Science, Programming, IT Apprenticeship/Employment in a variety of different areas: Teaching, IT industry, Software Development etc.

## Possible Careers



Need more info? - [Highers in a Nutshell](#)