

Higher Applications of Mathematics

The Higher Applications of Mathematics course focuses on developing the mathematical and analytical skills required in society and for the future workforce. The course develops candidates quantitative and mathematical literacy, problem solving skills and reasoning skills as they apply in real-life contexts.

The course aims to:

- equip candidates with the mathematical and statistical literacy skills they need for life, work and further study in a wide range of curricular studies
- develop candidates financial literacy in real-life contexts
- show candidates how they can use appropriate digital technology to manipulate and model mathematical, statistical and financial information
- develop candidates reasoning skills in order to make informed decisions in familiar and unfamiliar situations
- develop candidates range of mathematical skills so that they can analyse, interpret and present data and numerical information
- provide candidates with the skills to appraise quantitative information critically, considering modelling or statistical assumptions.

Assessment Arrangements

The course consists of an external SQA calculator assessment that is worth **80 marks** and lasts for **2 hours and 30 minutes**.

There is also a project-based assessment undertaken at a time appropriate to the candidates needs and it is worth **30 marks**.

This is submitted to the SQA for external marking.

The whole course is worth **110 marks**.