Mathematics & Computing

Applications of Mathematics

Higher

Course Length	1 year
Entry Requirements	National 5 Mathematics or Applications of Mathematics
Intended Audience	S5-S6
Number of Units	3
Assignment/Added Value Unit	YES
Course Exam	YES

Course Description

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 your quantitative and mathematical literacy, problem-solving skills and reasoning skills as you apply mathematics in real-life contexts.

Applying mathematics in real-life contexts includes identifying relevant information, formulating a problem in appropriate mathematical or statistical terms, selecting and applying tools correctly, finding solutions, interpreting solutions in the context of a problem and evaluating the approach taken.

Expectations for Homework

Informal & formal homework given regularly throughout the year, emphasis on self-reflection and continuous improvement through self-study.

Skills Focus

Digital Learning · Enterprise · Leadership · Literacy · MESP · Numeracy · Thinking

Additional Course Information

This course teaches you to:

- develop financial literacy in real life contexts.
- digital technology to manipulate and model mathematical, statistical and financial information.
- develop your mathematical reasoning skills so that you can generalise, build arguments, draw logical conclusions, assess risk and make informed decisions in familiar and unfamiliar situations.