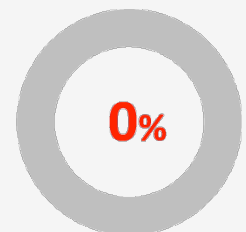# Further Mathematics

Overview

The course in Mathematics will encourage candidates to :-

Develop their understanding of Mathematics and mathematical process in a way that promotes confidence and fosters enjoyment;

Develop abilities to reason logically and recognise incorrect reasoning, to generalise and to construct mathematical proofs;

Extend their range of mathematical skills and techniques and use them in more difficult, unstructured problems;

Develop an understanding of coherence and progression in Mathematics and of how different areas of Mathematics can be connected;

Recognise how a situation may be represented mathematically and understanding the relationship between 'real world' problems and standard and other mathematical models and how these can be refined and improved;

Use Mathematics as an effective means of communication;

Read and comprehend mathematical arguments and articles concerning applications of Mathematics;

Take increasing responsibility for their own learning and the evaluation of their own mathematical development.

Assessment

100% Examination

0% Controlled Assessment

Examining Board

WJEC

Requirements

Candidates will be expected to be studying an Advanced GCE in Mathematics;
Students require GCSE Mathematics at preferably an A*, at least an A grade.

Departmental Staff

Mrs. D. Roulston-Jones
Mrs. A. Bevan