



FURTHER MATHEMATICS

WJEC AS/A2

ENTRY REQUIREMENTS

Grade A* or A at GCSE.

COURSE CONTENT

Most of the Mathematics covered at GCSE is Pure Mathematics.

The applied modules contain topics from both mechanics and statistics. **All** modules are compulsory.

What will I study? The order of units is yet to be determined

Students will study 4 modules:
Units 1, 2, 3 and 4 Mathematics.

Students will study a further 5 modules:
Units FM1, FM2, FM3, FM4 and FM5 Further Mathematics.

How will I be assessed?
Assessment is entirely through modular examinations.

CAREER OPPORTUNITIES

The course provides a firm foundation for students who wish to study the subject to degree level. It also provides an excellent base for all science courses and for areas such as finance, economics etc. Students who complete a degree in Mathematics may move into related fields such as Medicine, Accountancy, Engineering and interdisciplinary research/design. Mathematicians are highly numerate, have learnt to think clearly and logically and devise solutions to complex problems. Their skills and versatility make them highly sought after by employers in a wide range of careers.

PROFILE

A level Mathematics is often thought of as a subject of complicated calculations. However, calculations form only a small part of this rigorous discipline which requires clear thinking and the development of specific ideas into generalised solutions. On one hand A level Mathematics deals with highly abstract topics which require considerable imagination combined with the discipline of 'proof'. On the other hand mathematics underpins virtually all the practical developments in science, IT and economics which have formed our modern world.

CONTACT

Subject Lead: Mr S Meredith

ASSESSMENT STRUCTURE

See the following for details of the structure:

<https://www.wjec.co.uk/qualifications/mathematics/r-mathematics-gce-2017/wjec-gce-further-maths-spec-from%202017-e.pdf>