

A LEVEL FURTHER MATHEMATICS

Examining Board:

Edexcel

Link Tutor:

Mr S Harris

Course Content:

Students will study either:

1 Year Level 3 Advanced Subsidiary GCE in Further Mathematics (8FM0) where there is one compulsory Further Pure mathematics paper and a choice from Further Pure 2, Further Statistics, Further Mechanics or Decision Mathematics

Or

2 Year Level 3 Advanced GCE in Further Mathematics (9FM0) consisting of two compulsory Further Pure Mathematics paper and two optional papers selected from Further Pure, Mechanics, Statistics or Decision Mathematics *

Lesson style:

Lessons are delivered using Edexcel-endorsed text books. Boardworks software is also used, many presentations including interactive demonstrations. A typical lesson would include teacher exposition, group discussion and time for students to work individually and collaboratively on problems.

Time Allocation:

4 hours per week

Private Study Requirement:

Homework/Private Study will normally be set following each taught lesson, of a similar duration to the lesson. Students will be given regular exam-style questions, which will be assessed to monitor progress.

Extra-Curricular Opportunities:

The Department is registered with the Wiltshire and Oxfordshire Further Maths Support Programme and the BBO Maths Hub. Students will have the opportunity to attend lectures, master classes and challenge events at venues including Oxford University

Advisable for following careers:

Further Mathematics can only be taken alongside A Level Mathematics and is strongly recommended for any student considering further academic study of mathematics in particular, but is also valuable for any student planning to follow a career or make further study in the fields of Science, Engineering, Financial and other similar areas.

Good Combination with:

Students studying Further Mathematics AS must also be studying Mathematics, the inclusion of which will positively enhance any portfolio combination, but is particularly complementary to any student following Science (particularly Physics), Engineering and Humanities options.