

A LEVEL MATHEMATICS

Examining Board:

Edexcel

Link Tutor:

Mr S Harris

Course Content:

Students study either:

1 Year AS Level 3 Advanced GCE in Mathematics (8MA0) where all content is prescribed and consists of one Pure Mathematics paper and one Applied Mathematics paper covering Mechanics and Statistics

or

2 Year Level 3 Advanced GCE in Mathematics (9MA0) where again all content is prescribed and consists of two Pure Mathematics papers and one Applied Mathematics paper, again covering Mechanics and Statistics.

Lesson style:

Lessons are delivered using Edexcel-endorsed textbooks. 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:

Study for Mathematics is an essential requirement 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:

The inclusion of Mathematics AS will positively enhance any portfolio combination, but is particularly complementary to any student following Science, Engineering and Humanities options.