



Further Mathematics

Edexcel

Subject Leader:

Dr S Parsons

Course structure and content

The Pearson Edexcel Level 3 Advanced GCE in Further Mathematics consists of four externally examined papers. Two of these papers are compulsory and have content that is known as Further Pure Mathematics. Examination centres can choose from several options for the two other papers and we would like to deliver one course in Additional Pure Mathematics and another on Further Mechanics.

The Further Pure Mathematics topics for include Proof, Matrices, Complex Numbers, Differential Equations, Co-ordinates systems and Hyperbolic Functions.

The Mechanics unit has topics such as Elastic strings and Springs and Elastic Energy , Work, Energy and Power and the theory of Collisions.

This A Level is a superb preparation of anyone who wishes to do a Mathematics, Physics or Engineering Degree. Universities value Further Mathematics very highly indeed.

Course commitment

To be successful in this subject, students need to be hard working, motivated and be willing to work in their own time. Students will be provided with support throughout their studies.

Entrance requirements

Automatic entry: Grade 7 in Mathematics

Students not achieving this entrance requirement may on occasion be admitted by interview, based on academic performance, approach to learning and course suitability.



Students will be expected to provide

All students taking A Level Further Mathematics will need to purchase a scientific calculator.

Progression routes

University courses in allied subjects e.g. Accountancy, Computer Studies, Teaching, Business Studies and Engineering all follow logically from success at A Level in Mathematics. Employment opportunities in areas such as Finance and Banking are also available.

Further information

Your course teachers are Dr Parsons and Mr Watkins who can be contacted on the number below.

Further course details are available at www.edexcel.com.

How to apply

You can download an application form by visiting the Sixth Form area of the school website at:

www.waseleyhills.worcs.sch.uk

Otherwise, contact us direct on 0121 457 4767.

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