

Further Mathematics Support Programme



A professional development course for teachers:

What? Introduction to Decision Mathematics 1

When? Tuesday 12th July 2011: 9.30am-4.00pm

Where? University of Hertfordshire, Hatfield, AL10 9AB

Is this course for me? This course is suitable for teachers who have little or no experience of teaching Decision Mathematics.

This one day course is planned with the following aims in mind:

- To strengthen teachers' understanding of the content of D1
- To draw out the big ideas of D1 and highlight the mathematical links within the module and with other areas of mathematics.
- To introduce teaching ideas for all D1 specifications.

Course tutor: Jeff Trim (details overleaf)

Course Fee: £100*


Please note this fee is ***reduced to £50** for teachers from schools and colleges that are registered with the Further Mathematics Support Programme. Registration is free. To register please visit:

<http://www.furthermaths.org.uk/Eregister.php>

Cheques payable to 'University of Cambridge' and posted to Margaret Bull, Centre for Mathematical Sciences, Wilberforce Road, Cambridge CB3 0WA

09:30	Registration (Tea/coffee available)
10:00	Graphs and Networks Introduction to graph theory and how this can be developed into the Network algorithms needed for D1
11:15	Break for Refreshments
11.30	Graphs and Networks (continued) Minimum Spanning tree, Shortest Path, Touring algorithms Modelling and optimisation
12:30	Lunch
13:15	Linear Programming Graphical linear programming for problems with two variables Integer programming
14:30	Break for Refreshments
14:45	Algorithms Sorting, Bin Packing and tracing an Algorithm Tying it all together – what's D1 really about?
16:00	Finish

The programme is provisional and may be subject to minor change

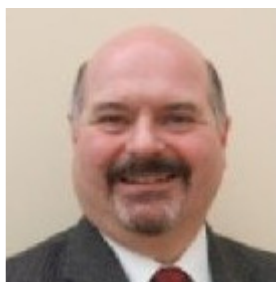
The Further Mathematics Support Programme is managed by  and funded by the DfE

Further Mathematics Support Programme




www.furthermaths.org.uk

Jeff Trim – Course tutor



Jeff is an Area Coordinator for the Further Mathematics Support Programme. He is based at Little Heath School, Berkshire. After graduating from Exeter university, Jeff trained as a secondary teacher in Reading, continuing to live and work in the area, including spending 12 years as Head of Mathematics in a large comprehensive school, before become Director of Specialism for Mathematics

Jeff has authored a range of resources for A level mathematics, including a teacher file, an interactive CD ROM and an online text book. He has been filmed for the OU teacher training materials and has given presentations at the MEI conference. Jeff has a particular passion for teaching Decision Mathematics and has written various D1 resources for the Teaching Advanced Maths (TAM) course.

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