



Live. On-line Professional Development in Mathematics

Decision Maths 1

Information for applicants

A modern approach to professional development. These courses will focus on subject knowledge and will cover common ground from **all current specifications**. Rather than attending a one or two day course away from school/college, delegates will use the software **Elluminate** to meet weekly on-line for ten one hour sessions with a tutor and a small group of teachers.

The course content covers topics from the AQA, MEI, OCR and Edexcel specifications

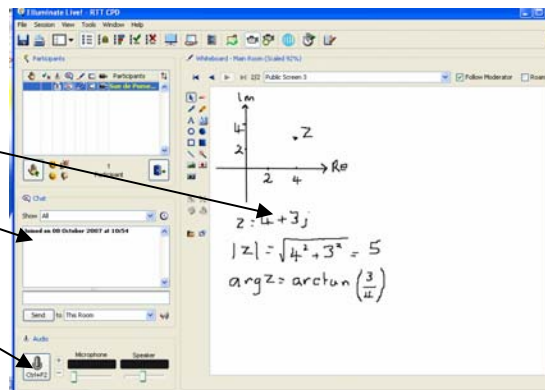
What is Elluminate?

Elluminate allows a tutor and delegates to communicate live on-line using audio, handwriting on a shared virtual whiteboard and instant messaging via the internet.

Elluminate is a well established web-based package which is easy to use and has features that make it ideal for live mathematics tutoring.

These features include:

- Shared whiteboard
- Instant messaging
- Audio conferencing
- Application sharing
- A graphical calculator



All participants need

- a broadband internet connection
- a recent version of Java installed on their computer.
- A graphics tablet and headset



All participants will receive

- Roughly ten hours of Elluminate tutorials
- A course handbook
- Online resources access for the module being studied.
- Email support from a course tutor

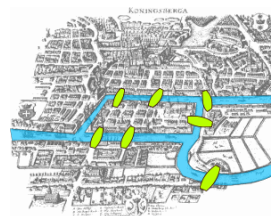
For Optional Certification

If participants wish to receive a certificate at the end of the course they will be required to submit a resource that can be used for teaching a topic from the module.



April 2009 – Decision Maths 1

Cost £140



Deadline for applications: **Monday 20th April 2009**

Tutors: Dick Russell, Sharon Tripconey

Course Structure

The course will consist of

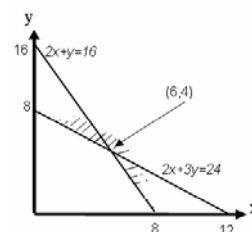
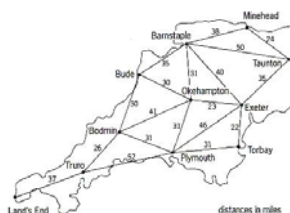
- One session giving an introduction to Elluminate and the on-line resources
- Six 90 – 120 minute sessions
- An optional resource sharing session for certification

Dates

DATE	TIME	TOPIC	Tutor
Thursday 23 rd April	1630 – 1730	Introduction to Elluminate session	Dick Russell
Thursday 30 th April	1630 – 1830	Graph Theory Matchings	Sharon Tripconey
Thursday 7 th May	1630 - 1830	Networks: minimum spanning tree Networks: shortest path	Dick Russell
Thursday 14 th May	1630 – 1830	Critical Path Analysis	Sharon Tripconey
Thursday 21 th May	1630 – 1830	Networks: Route Inspection, Networks: Travelling Sales Person	Dick Russell
Thursday 4 th June	1630 – 1830	Graphical linear programming Introduction to the simplex tableau	Dick Russell
Thursday 18 th June	1630 – 1830	Algorithms and simulation	Dick Russell
Thursday 25 th June	1630 – 1830	Resource sharing	Dick Russell

If you have any further queries please contact Sue de Pomerai (sue.depomerai@mei.org.uk)

Please send application forms to Valerie Algar (valeriealgar@fmnetwork.org.uk)



The Further Mathematics Network is managed by



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