



Live, Online Professional Development in Mathematics

Mechanics 2

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

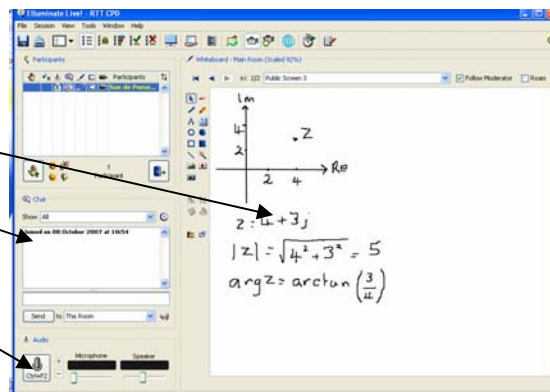
What is Elluminate?

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 – Mechanics 2

Cost £140

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

Tutors: Sue de Pomerai, Sharon Tripconey

Course Structure

The course will consist of

- One session giving an introduction to Elluminate and the on-line resources
- Seven 60 – 90 minute sessions
- An optional resource sharing session for certification

Dates

DATE	TIME	TOPIC	Tutor
Monday 30 th March or Monday 20 th April	1800 – 1900 1900 - 2000	Introduction to Elluminate session	Sharon Tripconey
Monday 27 th April	16.30 – 18.00	Projectiles	Sharon Tripconey
Monday 11 th May	16.30 - 1800	General motion (differentiation & integration)	Sue de Pomerai
Monday 18 th May	16.30 – 18.00	A model for Friction and Equilibrium of a Rigid Body.	Sharon Tripconey
Monday 1 st June	16.30 – 18.00	Centre of Mass	Sharon Tripconey
Monday 8 th June	16.30 – 18.00	Energy, Work & Power	Sharon Tripconey
Monday 15 th June	16.30 – 18.00	Collisions	Sue de Pomerai
Monday 22 nd June	16.30 – 18.00	Circular Motion	Sue de Pomerai
Monday 6 th July	16.30 – 18.30	Resource sharing	Sharon Tripconey

If you have any further queries please contact Sue de Pomerai (suedepomerai@fmnetwork.org.uk) or Sharon Tripconey (sharontripconey@fmnetwork.org.uk)

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

The Further Mathematics Network is managed by  and funded by 