

## Teaching Further Mathematics 2008/09

An MEI certificated professional development programme for teachers of A level Mathematics.

### Course Aims

The aim of the programme is to provide an extensive course of professional development for teachers of A level Mathematics who are now teaching Further Mathematics or wish to teach it at some point in the near future. The course will cover material from **all Further Mathematics specifications** with emphasis on expanding the participants' mathematical horizons and giving them a deeper understanding of the links within mathematics.

### Course Structure

During the course participants study the content of A level Further Mathematics modules, from a teaching and learning perspective.

Participants will study three units, the total content of which will cover the material in the Further Pure Mathematics modules of the four English examination specifications.

Teachers enrolled on the course will receive

- a textbook for each unit
- a password to access the MEI online resources, which includes the student and teacher resources for the Further Pure Mathematics modules for **all specifications** and material written specifically for the course and accessible only to course participants
- online tutorials
- email support from the unit tutor.

Participants will be encouraged to make contact with their local Further Mathematics Network centre and, where possible, attend revision days and lessons relevant to the module they are studying.

### Study days

There will be three study days spread across the year:

Study day 1. AS Further Pure Mathematics: Saturday 4<sup>th</sup> October 2008

Study day 2. A2 Further Pure Mathematics 1 28<sup>th</sup> February 2009

Study day 3. A2 Further Pure Mathematics July 2009 (as part of the MEI conference 9-11<sup>th</sup> July).

### Assessment

At the end of each unit participants will submit:

- A handwritten solution of an exam-style paper annotated with student misconceptions with reference to principal examiners' reports.
- A detailed investigative worksheet/teaching resource for a topic in that unit.

### Course completion: August 2009.

The final piece of work should be submitted by August 31<sup>st</sup> 2009. Course certification: October 2009.

**Course fees:** Fees for 2008/09 are £400.

**Applications should be received no later than 13<sup>th</sup> June 2008.**

**The course will commence in July 2008.**

**For further information please contact: Sue de Pomerai ([sue.depomerai@mei.org.uk](mailto:sue.depomerai@mei.org.uk))**