

## **Adapting MEI's Online Resources for Economics Undergraduates**

MEI is an independent UK curriculum development body with particular expertise in 14-19+ mathematics education.

Following a successful pilot, completed in 2005, MEI has been funded, by the DfES, to set up a national Further Mathematics Network (FMN). This is now complete and as a result it is now possible for every suitable student in England to take Further Mathematics. Amongst other things this has involved creating extensive online resources (over 20,000 pages) to help students. Because of the level of this material, much of it is appropriate for undergraduates taking mathematics service courses and to support subjects such as economics.

### **Pilot Project in Economics**

MEI is keen to work with university economics staff to run a pilot project using our online resources. In working with economics staff we would select the appropriate topics from our resources and create an online environment which is aligned (week-by-week/topic-by-topic) to the mathematical content of, for example, a first year Mathematics for Economics module. Experience has shown that students prefer to engage with resources that correspond to their course and its structure, rather than ones which are generic.

### **Content of the Online Resources**

The online resources cover all topics contained in AS/A level Mathematics and Further Mathematics. Included are interactive resources such as Flash animations, spreadsheets, and PowerPoints. An example section of the resources, for Complex Numbers, can be seen at: <http://resources.mei.org.uk/sample/complexnumbers.htm>. Clicking on the subsections, e.g. FP1 (MEI): Complex numbers 1, will open the final level of detail, from which the resources can be accessed. Similarly, a more elementary example featuring Co-ordinate Geometry can be seen at: <http://www.resources.mei.org.uk/sample/tam.htm>.

### **Universities using the Online Resources**

MEI is already working with the University of Warwick and the University of the West of England to enable these resources to be used to support undergraduates on mathematics-related degrees such as Engineering. We are keen to expand upon this work with other universities and in new areas. Economics is a subject for which we feel the resources would be particularly valuable.

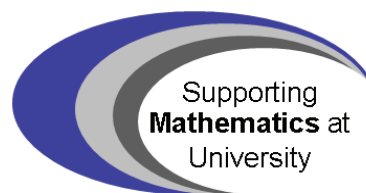
We would very much welcome enquires from staff interested in being involved in piloting our resources at their university. For further information or for enquiries, please contact:

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