

## NCETM GCSE Enhancement Support Programme for the Further Education Sector



The NCETM is working in partnership with the Centres for Excellence in Teacher Training (CETTs) to establish high quality CPD provision for teachers of mathematics in the FE sector. This will enable teachers who are already involved in numeracy or functional skills teaching to enhance their knowledge so that they can teach GCSE effectively. This programme, which was developed earlier this year and piloted with over 20 Further Education colleges, has been designed to focus on those elements of mathematical subject content and subject pedagogy that enable lecturers of numeracy and functional skills from the Further Education sector to begin the process of becoming expert teachers of higher level GCSE Mathematics.



**In order to benefit from participating in this programme it will normally be expected that participants will have at least a Level 2 qualification in Mathematics.** The programme will particularly benefit those lecturers within Further Education who:

- are successfully delivering to the 16-19 cohort, or have recent successful experience in teaching this age range, and
- are currently teaching discrete numeracy programmes at Level 2, and who wish to develop their skills to teach GCSE Mathematics, and
- will be teaching GCSE Mathematics within a year of the programme

As well as this group, the programme will also be of value to teachers of related technical/vocational and academic subjects (such as engineering or economics). The programme will help them develop valuable knowledge and skills, but would need to be further supplemented by modules addressing other core areas of mathematics: in particular, number.

### How is the Enhancement Programme structured?

The programme, starting this autumn, offers a sustained professional development course over a six month period, involving a minimum of six days face-to-face activity, blended with personal support activities. It enables those teachers preparing to teach higher level GCSE Mathematics to:

- self-assess their needs, with regard to their knowledge of the subject content of GCSE Mathematics;
- develop their subject knowledge and confidence in the teaching of mathematics at this level;
- develop their pedagogical skills, including making appropriate use of technology to engage learners in mathematics;
- have access to a range of resources for teaching GCSE Mathematics;
- gain a deep understanding of the content of GCSE Mathematics and of the needs of students re-taking the qualification or working at this level for the first time.

A Department for Education initiative to enhance professional development across mathematics teaching



Each of the four subject content modules focuses on a key area of GCSE Mathematics which will not have been addressed when teaching level 2 courses:

- Statistics and data handling
- Algebra
- Geometry
- Trigonometry

### Who will deliver the programme?

The NCETM working with the CETT's will identify Professional Development Leads who can deliver the programme. The PD Leads are expert practitioners within the FE sector, whom the NCETM will train and prepare for their role. As well as the face-to-face days, the PD Leads will be available to provide on-line support to the community of participants between the modules and there is an expectation that a lecturer's organisation will provide added support between the modules. This is a vital dimension, as the target audience for the programme need sustained support for their professional development while they take on the GCSE role.

### How can colleges engage with the enhancement programme?

If your college has teachers who would benefit from participation on the Enhancement Programme or your college would like to host a group then please contact the Mathematics lead in within your region.

Region	Contact for enquires	Organisation
North West	Venus Carew <a href="mailto:nse@ncl-coll.ac.uk">nse@ncl-coll.ac.uk</a>	SUCCESS NORTH CETT
North East	David Prinn <a href="mailto:david.prinn@sunderland.ac.uk">david.prinn@sunderland.ac.uk</a>	SUNCETT
Yorkshire and Humberside	David Powell <a href="mailto:d.powell@hud.ac.uk">d.powell@hud.ac.uk</a>	HUDCETT
West Midlands	Steve Pardoe <a href="mailto:s.d.pardoe@warwick.ac.uk">s.d.pardoe@warwick.ac.uk</a>	West Midlands CETT (WMCETT)
East Midlands	Steve Pardoe <a href="mailto:s.d.pardoe@warwick.ac.uk">s.d.pardoe@warwick.ac.uk</a>	East Midlands CETT (EMCETT)
East of England	Rob Shaw <a href="mailto:rob.shaw@acer.ac.uk">rob.shaw@acer.ac.uk</a>	East of England CETT (EECETT)
London	Bre Stitt <a href="mailto:B.stitt@ioe.ac.uk">B.stitt@ioe.ac.uk</a>	LONCETT
South East	Anne Samson <a href="mailto:a.samson2@westminster.ac.uk">a.samson2@westminster.ac.uk</a>	Westminster Partnership CETT
South West	Bev Johnson <a href="mailto:swcett@learning-southwest.org.uk">swcett@learning-southwest.org.uk</a>	SWCETT

The full list of regional contacts and detail of the FE Lead Support programme can be found at <https://www.ncetm.org.uk/resources/42169>