



With fewer learners passing Mathematics year on year, and even fewer meeting the entrance requirements of universities, UKZN is taking a holistic approach of providing content training to teachers. This 13 week certificate programme will **provide teachers with the knowledge and skills needed to teach Mathematics** from grades 10 – 12. It is designed for teachers who may currently be teaching Math, or who would like to specialise in this subject, and who meet the minimum requirements for admittance into a BSc degree.

Course Starts:

24th July 2013
(Registration now open)

MATH 130

(Bridging Course)

How you will benefit. You will learn to:

- Concentrate on just one subject instead of six or more
- Improve your understanding of mathematical concepts
- Gain confidence as you work through examples on your own and in the classroom
- Draw on the experience and skill of a Mathematics specialist at UKZN

Key focus areas:

- Elementary logic
- Proof techniques
- Differential Calculus
- Functions, graphs and inverse functions
- Limits and continuity
- Derivatives, techniques of differentiation, applications of derivatives, antiderivatives.

Who should attend:

School teachers who meet the entrance requirements and may currently be teaching Math, or who would like to specialise in this subject.

Entrance requirements:

To be considered for registration, an applicant must have obtained any pass symbol on Standard or Higher Grade Mathematics or NSC Mathematics in the final examinations in Grade 12.

Programme fee:

The course fee of R7 866 (incl. VAT) covers tuition, instruction material and a final examination.

Estimated Level:

Level Five on the National Qualifications Framework (NQF).

Duration:

Thirteen week long course runs from Monday to Thursday (evening lectures; 17:30 - 20:30)



DR MAGA MOODLEY

*PhD (Critical Mathematics Education)
Aalborg University, Denmark
MSc (Pure Math), University of Natal
MEd Harvard University, USA
BSC HON (MATHEMATICS) NATAL
UNIVERSITY, BSc UNISA
BEd University of Natal
LSED Springfield College of Education*

Dr. Moodley joined the Springfield College of Education in 1989 as a lecturer, and in 1992 received a Harvard Scholarship to undertake a Master's in Education degree in the US. In 1995, Dr. Moodley served as the coordinator of the AMESA National Conference, and was elected Vice President: Natal Region in 2001. He joined the University of Natal as a senior tutor in 2002, and was appointed as a Lecturer in the School of Mathematics in 2007. During the past 10 years, Dr. Moodley was actively involved in Mathematics education in rural communities, in stimulating excellence against international norms through AMESA, and was invited to present at International conferences for the promotion of Mathematics education.



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The School of Mathematics, Statistics and Computer Science

The School of Mathematics, Statistics and Computer Science is one of five Schools housed within the College of Agriculture, Engineering and Science at the University of KwaZulu-Natal. The School encompasses the disciplines of Biostatistics, Computer Science, Financial Mathematics, Mathematical Sciences and Statistics. Located on the Howard College, Pietermaritzburg and Westville campuses, the school caters to the needs of students ranging from the undergraduate level to post-doctoral researchers. The School is headed by Professor Kesh Govinder, who is ably supported by leading academics, technical and support staff.

Business and Management Courses

- Certificate in Business Administration
- Certificate in Public Administration
- Managing for Impact (NEW MANAGERS)
- Finance for Non-Financial Managers
- Competent Project Management
- Supply Chain Management
- Management Development Programme

CONTACT INFORMATION

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