School of Mathematics

Module MA1121 — Concepts of analysis 2010-11
( JF Mathematics, JF Theoretical Physics & JF Two-subject Moderatorship )

Lecturer: Dr. Paschalis Karageorgis

Requirements/prerequisites:

Duration: Michaelmas term, 11 weeks

Number of lectures per week: 3 lectures including tutorials per week

Assessment:

ECTS credits: 5

End-of-year Examination: 2 hour end of year examination.

Description: (Preliminary.) Simple formal treatment of the real numbers, functions as rules (injective, surjective, inverses), $\varepsilon$-$\delta$ definition of limits of functions, limits of sequences and sums of series, definition of derivative.

July 27, 2011