School of Mathematics

Course 482 — Introduction to Mathematical Neuroscience II 2008-09
(JS/SS Mathematics, SS Theoretical Physics, MSc in HPC.)

Lecturer: Conor Houghton.

Requirements/prerequisites: This course is a computational supplement to 481

Duration: Half-year course running in the second term.

Number of lectures per week: 3

Assessment: There will be three short projects

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

Description:

This course will teach C++ and cover a number of computer simulations and demonstrations in mathematical neuroscience; there will be some lectures on programming along with tutorials and help sessions. It will be a requirement that all three projects be completed successfully and a single mark will be returned for this course and 481 largely determined by the 481 exam.

December 9, 2008