

**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