School of Chemistry

Aims and Objectives: Session 2023-2024, Semester 1

Module CH1401: Introductory Inorganic and Physical Chemistry

Course Title: Mathematical Tools for CH1401

Duration: 3 hours

Lecturer: Dr R. M. Smith

Aims: To revise and/or introduce the mathematical concepts encountered in CH1401 only.

Objectives:

For chemical applications, students should be able to:

1. Understand basic maths notation, real numbers and algebra

2. Use units or quantity calculus, plot a graph with linear fit and understand the basics of differentiation and integration

3. Utilise properties of logarithms and exponentials