LECTURER: The lecturer for this course is:

Dr James East (Carslaw 635, james.east@sydney.edu.au).

OVERVIEW: This course is an introduction to the theory of differential equations. Topics covered include:

- separable DE’s;
- the logistic equation;
- equilibrium solutions;
- graphing solutions;
- first and second order linear DE’s;
- and simultaneous DE’s.

COURSE STRUCTURE: Lectures will be held in Weeks 2–4 on:

- Tuesday 4pm, Law Lecture Theatre 101,
- Wednesday 3pm, Bosch 3.

Tutorials will be held in Weeks 3–6. See your timetable for your allocated time/room.

ASSESSMENT: The assessment for the Mathematics component of the PHAR2813 course will be a quiz to be held in your tutorial class in Week 6. More detailed information will be made available closer to the time.

COURSE MATERIAL: We will be covering Chapter 2 of the text:

*Calculus for Pharmacy*, by Choo and Easdown.

This text may be purchased from KopyStop (55 Mountain St Broadway), or downloaded from WebCT. You may access WebCT by logging on at:


Note that this is the same text used for the Mathematics components of PHAR1812 and PHAR1822, so you may already have a copy.

Tutorials sheets may also be downloaded from WebCT. You should print the question sheet and bring it to your tutorial each week. Solutions to tutorial exercises will be available for download the following week.