MATH 345: LAB INSTRUCTIONS

WHERE AND WHEN: The lab for Math 345 is the LSK building Room 121. It is the Windows machine in this room that has XPPAUT (the software package for the computation). The LAB is reserved for Math 345 each Wednesday from 3–4. You are free to use the Lab at any time from 8am–6pm provided that it is not occupied by a scheduled class (most afternoons are not booked in the lab). However, I truly recommend that if you have your own laptop that you can download a copy of the software package XPPAUT for yourself at

http://www.math.pitt.edu/∼bard/xpp/xpp.html

The software package is available there on many different platforms: Mac, windows, Linux, etc. I recommend using either the Mac or Linux version. It requires only a one-time effort to download the package, and the benefits are enormous as you can work easily from home on your own machine etc... The package is kept by Prof. Bard Ermentrout at the University of Pittsburgh.

LOGIN/PASSWORD: Login info on the Windows Machine in LSK 121 consists of the following:

(a) Take entire name (First, Middle(s), Last) concatenate (and make all lower case), then truncate to 8 characters if it is longer than that.
   Example: Amanda Carolyn Gee
   Login: amandaca
(b) Take entire Last name and truncate to 8 characters; if last name is shorter, then prepend to it the first characters of First and Middle(s) names to get eight characters.
   ie: Amanda Carolyn Bennington
   Login: benningt
   ie: Amanda Carolyn Foo
   Login: fooamand
(c) If they have less than 8 total, use less.
   Example: Me Too
   Login: metoo

The Password is uppercase S followed by first 7 digit student number S1234567.

If you have trouble logging on to the machine please send me an email.

GENERAL POLICIES:
There is a printing rule of 35 pages per Math lab. So PLEASE do not print the huge Online documentation. You will not need this huge file! Of course, you can print out the pictures that come from your computations using XPPAUT.

TURNING IN THE LAB: The Lab should be turned in at class on the date that it is due. No late Labs will be accepted.