A few remarks relating to upcoming classes:

I advise a brief revision of the ***Normal Distribution*** as it is going to a fundamental part of ***Statistical Process Control***, a part of the course that we are going to be studying soon.

In this part of the course I will also be covering ***Tolerance Intervals***. We will be revisiting Confidence Intervals and Prediction Intervals also, and highlighting the differences between all three, and which is appropriate for a given situation.

The classes will not be going ahead next Friday as it is one of ULs open days.
So as not to go out of sync, the lab class scheduled for next Monday will concentrate on a few special topics related to using R.

One key topic in mind for that class is using R Packages. Previously we have discussed the ***nortest*** package, required to implement the ***Anderson-Darling*** test for normality. There are in fact several thousand more, covering a wide variety of topics. A directory of packages is maintained at the ***Comprehensive R Archive Network (CRAN)*** website.

Some packages I intend on using before the end of the course are ***qcc, spc*** and ***MethComp***.
Another major area of the course is Experimental Design.

The mid-term exam will take place on Week 8 in the computer laboratory. Precise dates will be confirmed shortly. Please attend the session as instructed by your timetable.

Past papers for the midterm exam are available on SULIS. Please note that your own exam will deal specifically with Inference Procedures (i.e. hypothesis tests and confidence intervals) and linear models.

Also you exam is worth 20% of the overall grade, rather than 15% for that module.