1. Who is Mathematics 243 for?

2. Friend or foe? (Investigation 1.1)

3. The three most important things to know about this course.

   (a) There is a course webpage - [http://www.calvin.edu/~stob/courses/m243/S12/](http://www.calvin.edu/~stob/courses/m243/S12/) Everything you need is there: copies of every course handout, a list of homework assignments, and a lot of links to useful sites. Indeed some things you will only find there. I often will not print things that you need to read but you can find them there and print them if you want. You are responsible for anything that I announce on the website, even if I don’t announce it in class. On the other hand, you can be sure that all homework assignments are announced there.

   (b) The course textbook is available in electronic form at the Moodle site for this course. This is the only way in which we will use Moodle. I would suggest printing out the textbook and put it in a three-ring binder. You need only print out Chapter I at this time. I’ll announce when you need to print out Chapter II.

   (c) You must come prepared for class. This means that each group must have a laptop and every student must have the relevant section of the textbook with them. And of course you must do all the homework to prepare for the class, even if there is nothing to turn in.

**Homework (all due tomorrow, none to turn in)**

1. Read the syllabus and come prepared with any questions that you have on it.

2. Read the (current version of) "R for 243". Access R via RStudio (a link to the webpage is available on the class webpage) and play around with it. Your login name and password are each your Calvin login name.

3. Practice simulating coin tosses in R. For example, throw 100 coins, 1000 times and check out the variation in the number of heads in these 1000 trials.