

# Review Sheet for the Final

**Final: December 11 from 6:00 - 8:00 pm in Room CBC  
C321**

The following is a list of reading material to help prepare for the final. You are allowed one  $8\frac{1}{2}$  by 11 cheat sheet that you can fill front and back. Also, you will be allowed a calculator and you will be allowed to use R in class. Any other use of the computer will be considered cheating! You can use R for whatever you might like to do: matrix operations, finding various quantiles for hypothesis testing and confidence intervals, etc. I will refrain from large matrices on the final, so you can also do the problems by hand if you choose. I will not however allow R print out, so you will have to write out your results. Remember to show as many steps as possible. If you just state an answer I will not be inclined to give you many points. Finally, I will also provide tables for distributions if you don't want to use R.

1. The following sections from 'Applied Multivariate Statistical Analysis':
  - Chapter 4 of APMSA
  - Chapter 5 of APMSA sections 5.1-5.5
  - Chapter 6 of APMSA sections 6.1-6.3
  - Chapter 7 of APMSA sections 7.1-7.3
2. Class notes.
3. Review all the homework material — the questions from the book as well as the questions I provided.