Math 352 is a course in Mathematical Statistics. The prerequisite for the course is a Calculus-based Probability course such as Math 351. I will assume that everyone has taken such a course and has seen the concepts of random variables, probability density functions, independence of random variables and other standard material. I realize, however, that most people need more than one semester to get a good grasp on all of these topics. The first four chapters of the textbook we will use contain the material from Probability that we will need, and we will often refer back to those chapters.

The text that for the course is *An Introduction to Mathematical Statistics and its Applications*, fifth edition, by Larsen and Marx, published by Pearson Prentice Hall. We will cover most of chapters 5, 6, 7, 9, 10 and 11.

The course web page is

http://math.gmu.edu/~wmorris/352hws12.html

There you will find homework sets.

Spring break is from March 12 to March 18.

There will be two in-class tests, which we will tentatively schedule for February 28 and April 10. Each of the first two tests determines one fourth of the final grade. The final exam is cumulative. It will be given on May 10. One third of the final grade is determined by the final exam. One sixth of the grade is determined by weekly homework assignments.

If you are a student with a disability and you need academic accommodations, please see me and contact the Office of Disability Services (ODS) at 993-2474. All academic accommodations must be arranged through the ODS.

Feel free to come to my office if you have any questions. I check my e-mail daily, so you can also ask questions that way. Be certain that you understand all of the homework assigned and all of the assigned reading, and that you ask questions in or out of class in order to clear up any problems you might have. Bear in mind that the questions that you ask in class help not only you, but also the professor and all of the others who had the same questions but were afraid to speak up.