

MA 222A
Probability and Statistics
Fall 2023

Professor Larry Russ
email:lruss@stevens.edu

Office Hours

MWF 10-10:40AM North Building Room 227...OR: email anytime and we can arrange to meet
And it's always good, but not necessary, to email me to let me know you are coming to office hours.

Course Administration

You are responsible for all material presented in class, some of which is not in the textbook.

The notes for all of my lectures are posted on CANVAS, as are years of past exams with solutions.

Homework will be assigned approximately once a week and posted on Canvas. **Homeworks are due submitted on CANVAS BEFORE 11 AM on the due date. Late homework submissions are not accepted**, since written solutions will be posted on Canvas shortly after the assignments are due. Usually about three problems from the homework assignment will be randomly selected to be graded, so the homework grades will be of the form $x/3$ (x correct out of 3 graded).

Students often get the most out of the homework problems by working on them individually. However, discussing the problems with classmates or working together on the harder problems is fine if you prefer that. **If you do work with others, please note their names on the HW submission. Copying another student's work and submitting it as your own is NOT fine, and is a violation of the Honor Code, as is ANY form of submitting work that is not your own. Please pledge all HW submissions.**

There will be four examinations in the course, and a Final Examination during the Finals Period.

Your final grade will be determined as follows:

Homework: 10%
Examinations: 60%
Final examination: 30%

Note: I also calculate your final score for the course by counting the final Exam 60% and the Exams 30% and for each student I use the larger of these two calculations when I am assigning final grades for the course.

Recommended textbook: *Probability and Statistics for Engineering and the Sciences* by Jay L. Devore 8th (or any) edition Brooks/Cole Publishers

Note that the text above is RECOMMENDED, not REQUIRED. Some students tell me that they never look at the text, but only use my lecture notes, which as I say above, are posted on CANVAS. Other students prefer to have the text in order to complement my lectures and see different presentations of the material. The choice is yours. A good alternative text at a slightly higher level is: *A First Course in Probability* by Sheldon Ross, any edition.

