

Math 5651, Sec. 1,4: Basic Theory of Probability and Statistics

Syllabus: Fall 2019

Class Times and Location:

001 Lec: 10:10 am – 12:05 pm TTh, VinH 113,

004 Lec: 4:40 pm – 6:35 pm TTh, LindH 217.

Instructor: Mikhail Safonov, VinH 231, tel: 625-8571, email: safon002[at]math.umn.edu
<http://www-users.math.umn.edu/~safon002/>

Office Hours: TTh, 01:25 pm – 2:15 pm, or by appointment

Textbook: *M.H. DeGroot and M.J. Schervish*, Probability and Statistics, 4rd Ed.
We plan to cover Chapters 1–5 (excluding starred sections) and Sections 6.1 and 6.2.

Homeworks: There will be 6 homeworks due at the beginning of class on Tuesdays, Sept 17, Oct 1, Oct 15, Oct 29, Nov 19, and Dec 3.
Late homework will receive less than full credit, and possibly zero credit.

Midterm Exams: on Thursdays,
October 10 and November 14, during class time.

Final Exam:

001 Lec: W, December 18, 1:30 pm – 3:30 pm, VinH 113,

004 Lec: T, December 17, 4:40 pm – 6:40 pm, LindH 217.

Grading: *Homeworks* - 20% ,
Midterm Exams - 20% for each one, *Final Exam* - 40%.

Missed exams: Make-up Final exams will be given to students who have a **valid** reason for missing an exam. Such students must notify their instructor prior to the exam, and the reason must be documented. There will be **no make-up Midterm exams**. A proportional part of the score for the Final exam will be used instead for students who have a valid documented reason for missing a Midterm exam.

Incompletes: The grade of **I** can be assigned only to students who have taken and passed one Midterm Exams and who have a **valid** excuse for being unable to take the Final Exam.

Homework Assignment # 1 (due on Sept. 17):

Sec.1.4: #4, 5; **Sec.1.5:** #4, 7; **Sec.1.6:** #2, 6.