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,
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.