General Information on
Math 309: Theory of Probability

1. **Prerequisite.** Basic calculus at the level of Math 21–22–23, especially techniques of differentiation and integration. No prior knowledge of probability or statistics is required.

2. **Text & Syllabus.** A FIRST COURSE IN PROBABILITY (6th Edition) by Sheldon Ross. See next page for the material to be covered:

3. **Homework.** There will be several homework assignments during the semester, which will be collected and graded.

4. **Hourly Tests.** There will be three 50-minute tests (closed book) on the following dates (all in class)

   TEST 1: Sep 25(Wed),   TEST 2: Oct 23(Wed),   TEST 3: Nov 20(Wed)

   Bring your own calculator. Special numerical tables will be provided with the tests.

5. **Final Examination.** The date, time and room of the 3-hour final exam (closed book) will be announced by the Registrar. The exam will cover the entire syllabus uniformly.

6. **Final Grades.** The following weights will be assigned in determining your final grade:

   Homework  20%
   Test 1     15%
   Test 2     15%
   Test 3     15%
   Final Exam 35%

   There may be a curve depending on the overall performance of all students.

7. **Office Hours.** I encourage you to see me for help or discussion during my office hours, 10–11 a.m. Mon & Wed, or by appointment.

   Wei-Min Huang
   XS 233 (Ext 83735)
NOTE: Some topics may be skipped. Each chapter concludes with Summary, Problems, Theoretical Exercises, and Self-Test Problems and Exercises.


Omit Chapters 9 and 10.

Appendix A. Answers to Selected Problems. Appendix B. Solutions to Self-Test Problems and Exercises. Index.