

Statistics 351.001 Fall 2008 Final Exam Information

The date and location of the final exam are

- Friday, December 12, 2008, 9:00 a.m. – 12:00 p.m.
- Education Building, room 230 (ED 230)

Please ensure that you know where the location of the test room is and that you arrive at least 20 minutes before the exam is scheduled to start.

YOU MAY BE ASKED TO SHOW YOUR UNIVERSITY ID AT THE DOOR. YOU MAY NOT BE ALLOWED ENTRANCE INTO THE FINAL EXAM WITHOUT PROPER IDENTIFICATION.

Calculators: You are permitted to use a calculator on this exam. Be sure that your calculator is working and has fresh batteries!

Notes: You may prepare **TWO** 8.5×11 pages (double-sided) of handwritten notes for your personal use during the examination. Except for these pages of notes and a calculator, no other aids are allowed.

Examinable Material: The final exam will be comprehensive and will test all of the material covered in Statistics 351 this semester. This includes everything covered in lecture, and everything in *An Intermediate Course in Probability* by Allan Gut from the Introduction (pages 1–16), Chapter I (Sections 1, 2), Chapter II (Sections 1, 2, 3, 4, 5, 6), Chapter III (Section 3), Chapter IV (Sections 1, 2, 3), Chapter V (Sections 1, 2, 3, 5, 6, 7, 8 up through Exercise 8.3, 9 up through Theorem 9.1), Chapter VII (Sections 1, 2). Use your in-class lecture notes to serve as a guide to relative importance of, and to the emphasis on, these topics.

Note: In Section V.8, we covered Theorem 8.1, Theorem 8.2, Exercise 8.2, and Exercise 8.3. In Section V.9 we covered Theorem 9.1. In Chapter VII, we only used Definition I of the Poisson process.

Note: We also discussed in class the definition of simple random walk, its martingale properties, and the optional sampling theorem. These are not discussed in the text, but will be covered on the exam.

Your Grade: Your final exam counts for 50% of your course grade. However, course grades are subject to (upward) adjustment based on superior performance on the final exam. Recall the course caveat that in order to receive a final grade of at least 60% it is necessary (but not sufficient) to receive a grade of at least 60% on the final exam.

Web Resources: The Stat 351 website, found at

<http://stat.math.uregina.ca/~kozdrn/Teaching/Regina/351Fall08/index.html>

contains links to all of the materials distributed in lecture this semester.