Guidelines for Final: Friday, June 11, 11:30-2:30 in WLH 2206

**What you may use:** No books, calculators, cell phones, or notes, except for 1 piece of paper, 8.5” x 11”, written on TWO sides. It’s OK to write on two separate pieces of paper and then tape or staple them to become 1 2-sided piece. You will not need any tables.

**Time:** The final will start promptly at 11:30 am. All papers must be turned in by 2:30.

**What to bring:** You will have to supply your own paper, bluebook preferred. Alternatively, you can bring loose sheets of paper and staple them together. Sharp-eyed monitors will check that nothing has been previously written in your bluebook!

The final will be a little longer than the two midterms combined, so you should have more time than on the midterms. The topics will be comprehensive, from beginning of 180c.

**Important topics**

Definitions of important notions, such as Poisson process, birth and death process, renewal process, standard Brownian motion process, various queuing processes, failure rate, current age.

You should know the statements of important theorems, such as the Renewal-Reward Theorem and the Elementary Renewal Theorem. Use you sheet to write down formulas that you might not otherwise remember. Be sure you know what the notation means.

The final will cover Chapters 7-12 of Goodman, plus a small bit of Brownian motion.

**See you Friday!**