Coverage of Final Exam in Stat 515H

Except for §7.3/§7.4, all the section numbers are the same for the 6th and 7th editions of the text.

§3.2 Conditional Probabilities

§4.6 The Bernoulli and Binomial Random Variables

§4.6.1 Properties of Binomial Random Variables

§4.7 The Poisson Random Variable

§5.4 Normal Random Variables

§5.4.1 The Normal Approximation to the Binomial Distribution

§6.1 Joint Distribution Functions

§6.2 Independent Random Variables

§6.3 Sums of Independent Random Variables
   Understand the calculation, given in Example 3a, of the probability density function of the sum of two independent uniform random variables.

§6.4 Conditional Distributions: Discrete Case

§7.2 Expectation of Sums of Random Variables

§7.3/§7.4 Variance of Sums