

Homework due **Nov 3 Mon.** Problems with * are recommended but not required.

- Reading: Textbook¹ Chapter 6.1, 6.2.
- Hand-in Problems.
Textbook Chapter 6.1, Exercises 2, 4, 14, 22; Chapter 6.2, Exercises 2, 8, 12, 14.
- Not hand-in Problems: (choose one from the following two sets)
 1. Textbook Chapter 6.1, Exercises 1, 3, 5, 17*, 19, 23; Chapter 6.2, Exercises 1, 3, 4, 5, 7, 13, 15 (part of these problems have been covered in class).
 2. SOA/CAS Exam P/1 Sample Questions², 44 – 56 (expectation), 60 – 67 (variance). Problems on expectation and variance for continuous random variables may be left for next week.

¹*Introduction to Probability, Second Revised Edition*, Grinstead and Snell. See textbook website for solutions of odd-number exercises.

²SOA/CAS Exam P/1 Sample Questions. See course website for samples and solutions.