

IEOR 3106: Introduction to Operations Research: Stochastic Models

Fall 2012, Professor Whitt

Homework Assignment 7: Tuesday, October 23

Due on Tuesday, October 30.

More of Chapter 5: Read the rest of Section 5.3, skipping Examples 5.17, 5.21 and Subsection 5.3.6. Read Section 5.4 up to (but not including) Example 5.27. Poisson process and nonhomogeneous Poisson process.

Do the following exercises at the end of Chapter 5:

- 31.
- 34.
- 39. (Hint: For parts (c) - (e), recall the central limit theorem, which is discussed in Section 2.2.)
- 42.
- 60.
- 78.
- 94.