**MATH 226** **Assignment #7** Due: Start of class, Friday 10/14/16

**Topic:** Discrete Probability Distributions (continued)

With fall break, this is a shorter assignment that is primarily associated with the topics discussed in class on Friday October 7 (i.e. Poisson process and Poisson distribution), although there is some review from the previous week.

**Reading Assignment:** Read section 5.6 in your textbook;

**Assigned Problems:** 54, 62, 64, 100, 106

**Recall… for each probability problem:**

- Define the random variable, i.e. X = number of …
- If X follows a known distribution, state the distribution and parameters, i.e. X~POI(5)
- Write the pmf of X
- Solve by hand or using Minitab (but be sure that you are capable of doing both)