

# Homework 09

Sections 5.4 - 5.7

STAT 5700 - Probability

## Instructions

- Homework problems come from the 7th edition of the text *Mathematical Statistics with Applications* by Wackerly, Mendenhall, and Scheaffer
- You are responsible for understanding the concepts covered in all problems listed in a homework assignment, but only even-numbered problems should be turned in.
- Be NEAT and show work to support your answers. Points will be deducted if your answer is not adequately supported or the work cannot be readily followed.
- You are encouraged to work together on homework assignments, but each person must write up and turn in their own work and solutions.
- You will turn in this assignment by scanning your work and uploading a single pdf to Blackboard.
- Note there is a corresponding R Lab (Lab 09) that will be due at the same time as this assignment (HW 09).

## Problems to do (responsible for content, but not collected/graded)

- Section 5.4: 45, 49, 53, 63
- Section 5.6: 77, 81, 87
- Section 5.7: 89, 93, 95

## Problems to submit

- Section 5.4: 48, 52, 60, 64
- Section 5.6: 76, 80
- Section 5.7: 92, 94