MSE 362 - Engineering Statistical Applications - Campbell

✔ Reading and Study Guide #2 - Montgomery & Runger, 3rd Edition

Chp 3 - Discrete Random Variables and Probability Distributions
Chp 4 - Continuous Random Variables and Probability Distributions
Chp 5 - Joint Probability Distributions

Discrete Case:	Read and study 3-1 through 3-4
	Read generally 3-5
	Read and study 3-6 (binomial distribution)
	Read generally 3-7 and 3-8
	Read and study 3-9 (Poisson distribution)
Continuous Case:	Read and study 4-1 through 4-4
	Read generally 4-5
	Read and study carefully 4-6 and 4-7 (normal distribution)
	Omit 4-8
	Read and study 4-9 (exponential distribution)
	Read for basic concepts 4-10 through 4-12
Joint Distributions:	Read for basic concepts 5-1 through 5-4
	Read carefully 5-5 (correlation will also be addressed later)
	Read generally 5-6 and 5-7
	Omit 5-8 through 5-10

✔ Problem Assignment for Problems Quiz #2

Sec	Page	Problem / Parts	Distribution
3-6	77	3-62	binomial
3-6	77	3-64 (a) and (c)	binomial
3-9	93	3-101 (all four parts)	Poisson
4-6	117	4-39 (b), (c) and (e)	normal
4-6	117	4-41 (b) and (d)	normal
4-6	117	4-42 (b) and (d)	normal
4-6	117	4-44 (b), (c) and (e)	normal
4-6	117	4-45 (a), (d) and (e)	normal
4-6	118	4-53 (all three parts)	normal
4-6	118	4-60 (all three parts)	normal