

BUSINESS STATISTICS I
22-QA-281H-001

Text: Statistics for Business & Economics 10th edition by Anderson, Sweeney, & Williams (Optional)

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Office Hours: Tues./Thurs 9:30 AM - 10:30 AM and by appointment

<u>Date</u>	<u>Assignment</u>	<u>Topic</u>	<u>Practice Problems</u>
9/20	Orientation	Review	
9/25	Chapters 1&2	Data & Statistics - tabular & graphical methods	Read Only Chapter 2
9/27	Chapter 3	Descriptive Statistics - mean, median, mode, std. deviation, variance, etc. (computation & interpretation)	Chapter 3
10/2	Chapter 4	Intro. To Probability - rules of probability, Venn diagrams, expected value	Chapter 4
10/4	Chapter 4	Probability relationships - conditional probability, Bayes theorem, etc.	Chapter 4
10/9	Chapter 4	Combinations, permutations, Permutations with repetition, etc.	Chapter 4
10/11	FIRST EXAM		
10/16	Chapter 5	Discrete Probability Dist. - Binomial, Hypergeometric, & Poisson	Chapter 5
10/18	Chapter 5	Computations using discrete probability functions	Chapter 5
10/23	Chapter 6	Continuous Prob. Functions - Normal, uniform, & exponential	Chapter 6
10/25	Chapter 6	Computations using continuous prob. functions	Chapter 6
10/30	Chapter 7	Sampling & Sampling Distribution - types of samples Central Limit theorem	Chapter 7
11/1	Chapter 8	Sampling distribution involving means & random sampling	Chapter 8
11/6	SECOND EXAM		

11/8	Chapter 8	Confidence Interval Est. - Population Means - large & small sample	Chapter 8
11/13	Chapter 8	Sample Size Determination - Mean	Chapter 8
11/15	Chapter 8	Confidence Interval Est. - Population Proportions - large & small sample	Chapter 8
11/20 11/22	NO CLASS HOLIDAY	WORK ON COMPUTER ASSIGNMENT	Chapter 8
11/27	Chapter 8	Sample size determination proportions & review	Chapter 8
11/29	THIRD EXAM		
	MAKE-UP EXAM	1:30 PM - 3:30 PM	