

<u>TOPICS</u>	<u>CHAPTER</u>	<u>HOURS</u>	
		<u>CLASS</u>	<u>LAB</u>
PART I: EXPLORING DATA			
1. Presenting Variables and Distributions: <u>Graphical Display; Numerical Description; Normal Distribution</u>	1,2,3	5	2
2. Exploring <u>Relationships; Scatter-plots and Correlation; Regression</u>	4,5	4	2
3. How to write a statistical report	Instructor's notes	2	
PART II: FROM EXPLORATION TO INFERENCE			
4. Producing Data: <u>Samples and Sampling, Experiments and Experimental Designs</u>	8,9	4	2
5. Connecting Probability and Sampling Distributions	10,11	5	1
6. Establishing <u>General Rules of Probability</u>	12	3	1
7. Recognizing <u>Binomial Distributions</u>	13	3	1
8. Using Inference: <u>Confidence Intervals; Tests of Significance</u>	14, 15, 16	6	1
9. First writing project.		2	1
PART III: INFERENCE ABOUT VARIABLE			
10. Inferring about a Population Mean: <u>The t Distributions</u>	17	2	1
11.. Select from: Two-Way Tables; Chi-Square Test; Regression models; One-Way ANOVA	6, 22, 23 or 24	2	1
12 Second writing project		2	1
13. EXAMS and REVIEW*		2	
	Total	42	14

*There is also a 2-hour final examination during exam week.

The approximate hours per chapter are guidelines and are at the discretion of the instructor. The instructor is responsible for making assignments and scheduling examinations. The Final Exam date is scheduled by the Registrar.