Math 150
Mathematics for the Contemporary World
Text: Bennett & Briggs, Using and Understanding Mathematics **(6th ed.)**

Section	
Review fractions, decimals (powers of ten). Use problems in sections 2A / 13-120	1
1C Sets and Venn diagrams. Require students to label sets accurately.	2
1D Analyzing arguments (use sheets on negations of quantified statements)	2
2A Units	2
2B Standardized units. Students should know the meanings of some metric prefixes and simple conversions in the USCS	2
3A Uses and Abuses of Percentages. Review percent and ratio (3A / 17-42)	2
3B Putting Number in Perspective. Review scientific notation (3B / 15-26)	2
3D Index Numbers: Stress relationship with material in 3A.	1.5
5A Fundamentals of Statistics.	1.5
5B Should you believe a statistical survey?	2
5C Statistical Tables and Graphs.	2.5
5D Graphics in the Media (Bring in other topical examples.)	1.5
9A Functions Review the coordinate plane (9A / 9,10)	2
9B Linear Modeling	1
8A Growth: Exponential vs. Linear	2
8B Doubling Time/Half Life	2
9C Exponential Modeling (Omit all references to logarithms.)	2
6A Characterizing Data	2
6B Measures of Variation. You may not wish to require calculation of standard deviation.	2
6C Normal Distributions (Use table in the book. Note that it is not the usual normal table.)	2
6D Statistical Inference (optional)	39
Total No. of Hours	