

TENTATIVE ASSIGNMENTS Summer 2009
 Ulmer's SMTH 102 Text: Brase & Brase 4th Edition.

This tentative assignment list gives minimal homework assignments. You may need to work more problems than those assigned here to understand the concepts. Think about each problem you work and try to determine which concepts the solution requires. Just getting an answer is not enough; you need to understand the reasoning behind each solution. If you need to work additional problems to understand the concepts, by all means do so! And remember that you should expect to spend two to three hours working out of class for each hour we spend in class. Also, please note: This is NOT a day-by-day assignment list. We will often cover multiple sections per class period and, occasionally, additional assignments will be made in class. Always read ahead.

<u>Section</u>	<u>Page</u>	<u>Assignments and problem numbers</u>
1.1	10	1,2,3,6,7,8. Prepare a typed or word processed response to the "What's Your Gut Feeling?" assignment. Read sections 1.1-1.3.
1.2,1.3	25	1,2,4; Prepare #4 word processed on a separate sheet of paper. Write complete sentences and paragraphs with correct spelling. Also complete the "Weight Linked to Bacteria" activity and the "Smoking Ban" activity, each on a separate sheet of paper.
2.1	47	Using the data on p.47, problem #10, classify the data in classes of width 50 beginning at 100. Find the frequency, relative frequency and cumulative frequency of each class. Then construct the histogram and ogive. Read section 2.2.
2.3-3.1	80	Find the mean, median, mode, range, standard deviation and variance in problems 1,2,and 4. Be sure you know how to compute with and without your calculator. Also complete the Mean in English and the Sample Variance in English activities.
3.2-3.3	106	Do a descriptive analysis of the data in problem #6. Use classes of width eight (8) beginning at zero (0). In addition to all the items on the descriptive analysis worksheet, include box plots and a back-to-back stem plot of data in problems 5 and 6. The box plots should be on one graph.
4.1	131	1,2,3,6,7,8,9,15. (#15 is very important.) Also, in a very short paragraph (three sentences?) describe an encounter you have had with the notion of slope in the past 24 hours. Be sure to describe the independent and dependent variables. Do not use time or distance as EITHER variable.
4.2	146	Complete and bring to class the "New Microwave" activity on the course web site. Work probs 1,2,3 and 6 on p.146. In each case, state whether the correlation is significant at the .01 level of significance (See problem #15 on page 135). (TEST 1 is planned for this point in the term.)
** For the class immediately following the first test: Global Warming activity. Read 5.1.		
5.1	167	4,7,8,9,10.
5.2	183	4,7,8,9,10. "Life is Not Fair" activity.
7.1	253	2,4,5,6,7,10.
7.2	266	1,3,4,30,32,36,38,40,42. Show all work on all but prob 1.
7.3	277	1-4; 11-14; 18-21; 25 and 26. 25 and 26 are very important.
7.4,7.5	285&293	p.285, #6 Turn in word processed. p. 293, 1,2,4,6,7,10. (TEST 2 is planned for this point in the term.)

8.1	324	2,3,5,9. Use calculator on #9.
8.2	335	1,2,6,7,9,10,14.
8.3	347	1,2,8,10. (You may also wish to begin the Stoplight Activity.)
9.1	372	Prepare answers to 2,3,4 and 6 to turn in. Also work 9 and 10.
9.2	389	1,3,6,10,13; Hypothesis Test Setup Practice activity.
9.3	400	1,2,4,5.

(TEST 3 is planned for this point in the term.)

Additional items as time permits.

Your final exam is cumulative. Study all your tests and notes.