

Engineering Statistics - MA223

Worksheet #2

March 12, 1997- Professor Broughton

Name:_____

Box #:_____

1. Using all the data (all 27 students) from the collected data, make ordered stem and leaf displays of the study and co-curricular hours.
2. Find the minimum, maximum, median, median, lower and upper quartiles, the range, and the interquartile range for both sets of data specified in question 1. Use the stem and leaf diagrams to help. Check your results with Minitab.

3. Make comparative boxplots for both data specified in 1 using the information in 2.
4. Make histograms based on all the data of the # hours studied and # hours of co-curricular activities. Use 5 bins. Use a scale that allows us to see both distributions at the same time.
5. Use Minitab to create several histograms with different number so bins which number of bins seems to give the best information