***UNIT 4 – TWO-VARIABLE DATA***

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Topic | **Learning Goals**  By the end of today I will be able to... | Homework Practice |
| Thurs. Oct. 29 | 3. TWO-VARIABLE DATA  3.1 One- and Two-variable data | Identify the one and two variable data on a graph and table | p. 133 #1a,2,3,5,8 |
| Fri. Oct. 30 | 3.2 Scatter Plots  Correlation/Correlation Coefficient | Determine correlation  Describe correlation  Describe correlation using the correlation coefficient | p. 142 #1,2,3,6,7,8,11,12,16 |
| Mon. Nov. 2 | **MSIP ASSIGNMENT**  **(scatter plots must be on graph paper)**  **p. 158 #1 – 5 due Thurs. Nov. 5**  MSIP work period (catch up) |  | p. 158 #1-5  Hand in last two days h.w. |
| Tues. Nov. 3 | 3.3 Scatter Plots and Line of Best Fit (include eqn.)  Show how to determine on TI-84 (continue to work through example on p. 159-164) | Use a graphing calculator to graph one and two variable data and to determine the line of best fit with the equation | p. 153 #1,2,3,6,8,9, |
| Wed. Nov. 4 | 3.4 Graphing practice, handout | Graph data and determine the equation of the line of best fit | Handout to be done in class  HAND IN |
| LAB  Thurs. Nov. 5 | **MSIP ASSIGNMENT DUE**  **Quiz – Scatter plots/line of best fit/Correlation**  3.5 Excel Spreadsheets (2305—Block A)  (2703 – Block E) | Use excel to record and graph data  Daylighthours.xls  Snowrain.xls | Complete p. 166-168 #1-5  **Hand in printed copy** |
| LAB  Fri. Nov. 6 | Demonstrate Fathom (2703)  Work on this together with projection | Use fathom to record and graph data | **Hand in printed copy**  Begin p. 172-176 #1-10 |
| LAB  Mon. Nov. 7 | Catch up day for computer work (2703)  p. 165 if time |  | Complete p. 172 – 179  **Hand in printed copy** |
| Tues. Nov. 8 | Review Day | Consolidate my understanding of two-variable data | **Read p. 185 –these are key concepts**  **p.186 #1-9, 13**  **Use TI-84 for #9** |
| Wed. Nov. 9 | REVIEW—In class | Consolidate my understanding of one and two variable data | p. 186 #1-8, 9TI, 12TI |
| Thurs. Nov. 10 | TEST | Demonstrate my understanding of one and two variable data |  |