**Weekly Breakdown of Course**

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| *Unit* | *Read Chapter* | *Topic* | *Due Prior to Live Session* | *Due After Live Session by Sunday* |
| *1* | *1* | *Drawing Statistical Conclusions* | *Asynchronous material*  *Quiz 1* | *HW 1 –May 12* |
| *2* | *2* | *Inference Using*t*-Distributions* | *Asynchronous material*  *Quiz 2* | *HW 2 –May 19* |
| *3* | *3* | *Data Screening, Assumptions, and Transformations* | *Asynchronous material*  *Quiz 3* | *HW 3 –May 26* |
| *4* | *4* | *Alternatives to the*t*-Tools for One, Two, and Multiple Samples* | *Asynchronous material*  *Quiz 4* | *HW 4 –June 2* |
| *5* | *5* | *Comparisons Among Several Samples* | *Asynchronous material*  *Quiz 5* | *HW 5 –June 9* |
| *6* | *6* | *Linear Combinations and Multiple Comparison Problem* | *Asynchronous material*  *Quiz 6* | *HW 6 –June 16* |
| *7* | *1 - 6* | *Midterm Exam* | | |
| *8* | *Notes* | *Correlation and Scatterplots* | *Asynchronous material*  *Quiz 8* | *HW 8- June 30* |
| *9* | *7* | *Simple Linear Regression: Introduction* | *Asynchronous material*  *Quiz 9* | *HW 9- July 7* |
| *10* | *7* | *Simple Linear Regression:  Prediction* | *Asynchronous material*  *Quiz 10* | *HW 10- July 14* |
| *11* | *8* | *Regression Diagnostics and Model Refinement* | *Asynchronous material*  *Quiz 11* | *HW 11- July 21* |
| *12* | *9* | *Multiple Linear Regression* | *Asynchronous material*  *Quiz 12* | *HW 12- July 28* |
| *13* | *10* | *Inference for Multiple Linear Regression* | *Asynchronous material*  *Quiz 13* |  |
| *14* | *11-12* | *Model Selection and Validation* | *Asynchronous material*  *Quiz 14* | *Project Due- Aug. 18* |
| *15* | *1 - 12* | *Review and Final Exam* | | |