

## STATS - Math 1153 Weekly Schedule

Week #	Date	Comment	Chapter/Objectives
1	23 Aug		Class Organization
2	28 Aug	Understanding data, Categorical data, bar graphs	Chap 2 and 3
3	4 Sept	pie charts, equal area rule	Chap 3
4	11 Sept	Quantitative data, histograms, stem-leaf, dotplot, spread	Chap 4
5	18 Sept	Box/whisker, mean, variance, 5 num summary, std. dev.	Chap 5
6	25 Sept	Additional Essay reading, Outliers(introduced)	Chap 6
7	2 Oct	Standardizing, Normal model, 65-95-99.7, z-score	Chap 6
8	9 Oct	Review 2-6	TEST 1
9	16 Oct	Scatter plots, Association, Correlation	Chap 7
10	23 Oct	Residuals, Linear regression	Chap 8
11	30 Oct		Chap 8
12	6 Nov	Extrapolation, Outliers(in detail), Leverage, Causation	Chap 9
13	13 Nov	Re-expressing data, Randomness, Simulations	Chap 10 and 11
	20 Nov	Thanksgiving on Thursday	Chap 11
14	27 Nov	Sampling, biases	Chap 12
15	4 Dec	Additional Essay, Experiments, Observation studies	Chap 13 and 14
16	11 Dec	Probability, Law of Large Numbers, Independent/Disjoint	Chap 14
17	18 Dec	Review 2-14 Cumulative Test	Test 2
18	3 Jan	More Probability, Tree diagrams	Chap 15
19	8 Jan	END Sem., Random variables, expected values, variance	Chap 16 and 17
20	15 Jan	Binomial dist., sampling a mean, Central Limit, Confid. Int.	Chap 18 and 19
21	22 Jan	Review 2-19 Cumulative Test	Test 3
22	29 Jan	Additional Essay reading, Hypothesis testing, P-value	Chap 20
23	5 Feb	Student's t, Inference	Chap 21 and 23
24	12 Feb	Comparing two proportions	Chap 23 and 22
25	19 Feb	Review 2-23 Cumulative Test	Test 4
26	26 Feb	Comparing Means	Chap 24
27	5 Mar	Paired t-test	Chap 25
28	12 Mar	Chi-squared	Chap 26
29	19 Mar	Regression Inference	Chap 27
	26 Mar	SPRING BREAK	
30	2 Apr	Review 2-27 Cumulative FINAL	
31	9 Apr	Review 2-23 Cumulative FINAL	
32	16 Apr		FINAL