

Course Calendar for **AP Statistics** (MSS21X-01)
2018-19 School Year

Teachers: Schuck

Textbook: The Practice of Statistics 5th Edition

Week Beginning Monday...	Topic	Textbook Sections
Sept 3 x M, T	Displaying Categorical Data	1.1 to 1.2
Sept 10 x M, T	Describing centers and variability	1.3
Sept 17 x W	Describing Distributions (C.U.S.S) and AP Practice Questions	1.3
Sept 24	Describing Distributions (C.U.S.S) and AP Practice Questions, Measures of relative standing	1.3, 2.1
Oct 1	The Empirical Rule, using z-scores	2.1 to 2.2
Oct 8 x M	Using z-scores, AP Practice Questions	2.2
Oct 15	Bivariate Data, scatterplots, correlation	3.1
Oct 22	Least square regression line, extrapolating, residuals	3.2
Oct 29	Coefficient of Determination, Outliers, AP Practice Questions	3.2
Nov 5 x T	Planning a Study: Sampling, Bias, Confounding	4.1
Nov 12 x M	Randomized Experiments, The scope of inference, AP Practice Questions	4.2 to 4.3
Nov 19 x R,F	Probability, Randomness, simulation	5.1, 5.2
Nov 26	Two-way tables, Conditional Probability	5.3
Dec 3	Conditional Probability, AP Practice Questions	5.3
Dec 10	Random Variables: Discrete, Continuous, Transformations, Combining	6.1 to 6.2
Dec 17	Binomial and Geometric Random Variables, AP Practice Questions	6.3
Dec 24	Winter Recess	
Dec 31 x M, T	Sampling Distributions, Sampling Variability, Sampling Distributions of sample proportions	7.1 to 7.2
Jan 7	Sampling Distributions of sample means	7.3
Jan 14	Review, AP Practice Questions	7.3
Jan 21 x M	Regents Exams	
Jan 28 x M	Description and Interpretation of Confidence Intervals, CI for a population proportion	8.1 to 8.2
Feb 4 x T	CI for a population mean, AP Practice Questions	8.3
Feb 11	The logic of significance testing, hypotheses, p-value, error, Hypothesis testing for a population proportion	9.1 to 9.2
Feb 18	Midwinter Recess	
Feb 25	Hypothesis testing for a population mean, AP Practice Questions	9.3

Mar 4	Sampling distribution for the difference between proportions	10.1
Mar 11	Sampling distribution for the difference between means, confidence intervals for the difference between two proportions	10.2
Mar 18	Confidence intervals for the difference between two means, AP Practice Questions	10.2
Mar 25	Chi Square Goodness of Fit, Chi Square Homogeneity Tests	11.1 to 11.2
Apr 1	Chi Square Independence Tests, AP Practice Questions	11.2
Apr 8	Linear Regression inference, Sampling Distribution of slopes, Confidence intervals for Slopes	12.1 to 12.2
Apr 15 x F	AP Practice Questions	
Apr 22	Spring Recess	
Apr 29	AP Practice Questions	
May 6	AP Practice Questions	
May 13	AP Practice Questions – Exam on 5/16	
May 20	Class and Group Project work	
May 27 x M	Class and Group Project work	
June 3 x M (Global Regents), x T, R	Class and Group Project work	
June 10	Class and Group Project work	

Grading Rubric