

Statistics

Mr. Andrews

Course Description

This course is a one-semester course aimed at introducing students to the study of statistics. The textbook for the course is *The Practice of Statistics, Second Edition* by Yates, Moore and Starnes. Emphasis will be placed on developing the tools necessary to analyze statistical data as well as application of these tools. Below is a tentative list of the topics which the course will cover.

Topics Covered

Mean, Median and Mode
Standard Deviation
The Normal Distribution
Scatterplots
Correlation
Linear Regression
Experimental Design
Probability
Probability Distributions
Statistical Inference

Grading

50% Tests and Quizzes
40% Homework
10% Class Participation

Homework and tests will be scored in a manner which is different from that used in most mathematics courses. Questions will be individually corrected and commented on but not assigned individual scores. Instead the entire test or assignment will receive a grade based on the work done on all of the questions. Grades received will reflect overall mathematical mastery of the course material.

Please fill out the information below and sign indicating that you have read the above course information. I can be reached at **sandrews@ridgeviewclassical.com** if you have any question.

Student Name Printed

Parent Name Printed

Student Signature

Date

Parent Signature

Date

Parent e-mail address

phone number