

 STATS
Teacher Information

Name: Mr. Heyd

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Room: 102

Course Objectives

AP Statistics is a year long course that introduces you to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The course objectives are aligned with the course content from the College Board and prepare you to take the AP Statistics Exam. You will study these topics during the year:

Analyzing Data

Collecting Data

General Probability

Random Variables

Normal Distributions

Sampling Distributions

Confidence Intervals

Tests of Significance

Comparing Populations

Chi-Square Inference

Linear Regression

Inference for Regression

Materials

Most course materials will be provided to you, including course notes.

A Ti-83 or higher graphing calculator is **required**.

Textbook

You will be issued a textbook for which you are responsible. You will be *assessed a fee* for any book signed out to you that is lost, stolen, or damaged. Please **COVER YOUR TEXTBOOK(S)**.

Grading Policies

Quarterly:

20% Class Participation/Homework

80% Assessments

Final Average:

$$\frac{1^{st} + 2^{nd} + 3^{rd} + 4^{th}}{4}$$

Homework

Homework practice will be provided to you for each lesson/unit. It is HIGHLY recommended and is completely your own responsibility. *It is the student's responsibility to upload their daily homework assignments into their OneNote class notebooks prior to class.* Your teacher may check and/or grade these assignments digitally.

Assessments

There will be timed assessments over one or more of the topics/standards listed. Each assessment will be designed to mimic the multiple-choice portion and FRQ's of the AP Statistics test as closely as possible.

Academic Honesty

Collaborate responsibly and submit your own work. I value collaboration and encourage you to form study groups because it can facilitate learning, but it is essential that everyone learns the material. Collaboration has little value if each group member works only a few problems and just copies the rest. It is better to make an honest attempt at every problem and then compare and discuss your results. Academic honesty should always be maintained.

- communicating verbally or nonverbally to exchange information during an assessment
- giving or receiving information during an assessment without permission
- using unauthorized materials during an assessment
- copying the work of another and presenting it as your own
- helping someone else to cheat
- wandering eyes

Attendance

Students who miss a quiz/exam/test for any reason must see their teacher to make up (or make arrangements to make up) the quiz or test **immediately** upon return to school. **Be sure you understand the attendance policy. Too many absences could result in course failure!**