

AP Statistics

Perry High School

Course Syllabus

Instructor Contact Information

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Email is the fastest way to get in contact with me.

COURSE DESCRIPTION: AP Statistics is a mathematics course designed for students of high math ability who have completed Honors Precalculus or Precalculus. Topics covered will include: Organizing Data, The Normal Distribution, Examining Relationships, Two-Variable Data, Producing Data, Probability, Random Variables, Binomial and Geometric Distribution, Sampling Distribution, and Inference. Students who complete this course are expected to take the Advanced Placement Statistics exam in May.

TEXT: The Practice of Statistics by Starnes and Tabor. 6th edition updated

GENERAL COURSE REQUIREMENTS: Your grade in this course will be derived from the following sources:

Homework will be assigned 2-3 times weekly and will be collected through GOOGLE CLASSROOM. Homework is worth 10 points. Most of the assignments are for completing, but random checks could be a grade for accuracy as well. Your assignment should be neat and organized. When you submit it to Google Classroom, the photo should be clear. **Late work is not accepted.**

Notes will be provided to you for each section. You may pick to use them or take your own.

Tests will be given at the end of each chapter or unit.

AP Review will take place 4th quarter. All students will be expected to participate in the reviews.

Quarter Grades: The quarter grade will be based on the percent determined by a progressive breakdown of 80% tests/quizzes and 20% homework. This class is a semester cumulative class

Semester Grade:

Grading Scale: 90-100% A 80-89% B 70-79% C 60-69% D 0-59% F

While quarter grades are given, grades are progressive throughout the duration of the semester.

Collage Board and AP Testing:

This course offers the AP test in May. Students will sign up for the test in the beginning of the school year. Test cost \$100. We will prepare for the test all fourth quarter.

CHANDLER GILBERT COMMUNITY COLLEGE CREDIT:

Students who have received a C or better in Precalculus through CGCC, may choose to enroll for college credit through Chandler Gilbert Community College. Registration materials and more information will come out shortly. By successfully completing the class, the student can earn college credit for MAT 206 – Elements of Statistics (3 credit hours). The grade obtained in my class will be the grade given for the college transcript.

CLASSROOM STANDARDS: There are several rules and regulations that are held for every class member.

1. Participation: You are expected to participate actively in all class work and review assignments. This will include answering questions and putting problems on the board.
2. Attendance: Students are expected to attend class regularly. If absent, please make sure you figure out what was missed and get any late work turned in.
3. Behavior: There is no place and no time for immature behavior in this class. Students who deprive others of the right to learn will be dismissed.

MATERIALS: You are to be equipped with the following materials at each meeting of class:

1. Pencil: All homework, tests, and quizzes **MUST** be done **NEATLY** in **PENCIL**.
2. Notebook: All students are required to keep a loose-leaf binder for notes and homework.
3. Calculator: Much of the work in this course can be greatly simplified with the access of a calculator. Thus, it is in your best interest to own a calculator for use at home and school. TI-83 or TI-84 additions are recommended.

MISCELLANEOUS:

1. Cheating: **STUDENTS CAUGHT CHEATING WILL NOT BE GIVEN ANY CREDIT ON THE PARTICULAR ACTIVITY IN QUESTION.**
2. Tutoring Hours: Before school and after school based on availability. There is also tutoring provided by the math department after school. See my door for the schedule.

Finally, let me advise you that this course can be of enormous benefit to you if you follow my directions and keep up with the work. If you fall behind, the course will overwhelm you. Make your resolutions now to meet the performance of the class; the reward will come later.

The instructor reserves the right to make changes to this syllabus at any time.

AP STATISTICS ACKNOWLEDGEMENT

I UNDERSTAND THE RULES AND REGULATIONS FOR THE CLASS.

STUDENT NAME _____

STUDENT SIGNATURE _____ DATE _____

PARENT/GUARDIAN NAME _____ DATE _____

PARENT/GUARDIAN SIGNATURE _____