

AP Statistics

Perry High School

Course Syllabus

Instructor Contact Information

- Email: celaya.veronica@cusd80.com
- Video conferencing while we are doing virtual learning
- Phone: (480) 224-2935

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 Yates, Moore, McCabe, W.H. Freeman and Company, 2002.
Elementary Statistics by Larson and Farber, Peterson/Prentice Hall, 2006

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 checked at the beginning of the class period. Homework is worth 10 points. Most of the points are for completing, but I will select a problem or two to 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. I highly recommend you print them off and fill them out as you watch the lecture. If you don't have a printer, take your own method of notes.

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.

CHANDLER GILBERT COMMUNITY COLLEGE CREDIT:

Students who have received a C or better in PreCalculus through CGCC, or who have received a 263 on the Accuplacer exam, may choose to enroll for college credit through Chandler Gilbert Community College. Registration materials will be passed out for the year long class the first week of school, and payment due shortly after. 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: While working virtually, students are expected to “attend” class regularly. “Attending” class can be done by completing required work or contacting me some how. It needs to be clear that students understand what they should be doing.
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, this applies when we are able to meet in person.
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 when we return in person. While working virtually, students are able to reach me by email or video conferencing.

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.