

# AP Statistics

## Perry High School

### Course Syllabus

#### Instructor Contact Information

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- Phone: (480) 224-2900

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. 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 on Thursday, May 11, 2017.

**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:

- Tests will be given at the end of each chapter or unit. Make-ups for absentees will be given during non-class hours and within a number of days' instruction missed.
- Quizzes will be given with regularity. Make-up quizzes will be given in the same manners as tests.
- Homework will be assigned 4-5 times weekly and will be checked at the beginning of the class period. Homework should be kept separate from notes. Daily homework scores are worth 5 points each. Homework must be completed on loose-leaf paper and must be done in pencil.
- AP Review will take place 4<sup>th</sup> quarter. All students will be expected to participate in the reviews. These reviews will be completed in groups and individually, and all AP Review assignments will go into the in the gradebook

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

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 54 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 (4 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 hold 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. Tardiness: Unexcused tardiness will not be tolerated under any circumstances. See school policy.
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.
4. Dismissal: ALL STUDENTS are to remain in their seats until dismissed.
5. Food and Drink: NO FOOD OR DRINK (except water). If food or drink is brought to class, students will be required to throw it away.

**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.

**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 ABOVE RULES AND REGULATIONS.

STUDENT NAME \_\_\_\_\_

STUDENT SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

PARENT/GUARDIAN NAME \_\_\_\_\_ DATE \_\_\_\_\_

PARENT/GUARDIAN SIGNATURE \_\_\_\_\_

PARENT/GUARDIAN CONTACT INFO:

Home Phone Number: \_\_\_\_\_

E-mail: \_\_\_\_\_

Cell: \_\_\_\_\_

\*This course is offered for dual-enrollment community college credit through CGCC as well as AP credit. Registration for dual enrollment begins soon! If interested, ask for a CGCC packet.