

AP Statistics

Perry High School

Course Syllabus 2021-2022

Course and Instructor Information

Instructor	Thomas Rothery	Office Hours	Before School or After School
Phone Number	480.224.2906	E-mail Address	rothery.thomas@cusd80.com

COURSE DESCRIPTION: AP Statistics is a mathematics course designed for students of high math ability who have completed Pre-Calculus or higher. 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 5, 2022.

TEXT: *The Practice of Statistics* by Starnes, Tabor, Yates, Moore, W.H. Freeman and Company, 2015.

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

- Tests:** 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. Tests are worth 100 points each.
- Quizzes:** Quizzes will be given with regularity. Make-up quizzes will be given in the same manners as tests. Quizzes are worth 25-50 points each.
- Homework:** 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.
- Projects:** Projects will be given throughout the year. They are worth 250 points.
- Participation:** Each student will begin the semester with 50 points. For each day that the student has an unexcused tardy, has an unexcused absence, or forgets his/her materials, 2 points will be deducted from the original 50 points. At the end of the semester, a score out of 50 points will be averaged into the student's grade.
- Quarter Grades:** The quarter grade will be based on the percent determined by the number of points earned divided by the number of points possible.

Grading Scale:	90-100%	A
	80-89%	B
	70-79%	C
	60-69%	D
	0-59%	F
- Semester Grade:** While quarter grades are given, grades are progressive throughout the duration of the semester. Semester grades are determined by the approximate breakdown (Homework-16%, Quizzes, Tests, and Projects 64%, and the Semester Exam-20%).
- Extra Credit:** Students receive 1 point extra credit each time they go to the board and correctly explain a problem to the class.

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

- 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.
- Tardiness:** Unexcused tardiness will not be tolerated under any circumstances. See school policy.
- 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.
- Dismissal:** **ALL STUDENTS** are to remain in their seats until 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. **Progress Reports:** Are sent home at the end of each four weeks through Infinite Campus.
2. **Cheating:** Cheating is defined as:
 - A. On tests/quizzes
 1. viewing another student's work
 2. talking during a test period
 3. helping another student on an evaluation
 4. using unauthorized reference materials
 5. using unauthorized materials on a graphing calculator
 6. having a cell phone out during a quiz, test, or exam
 - B. On homework
 1. copying another student's work
 2. turning in another student's work
 3. giving your paper to another student
 - C. On group work
 1. not contributing to the group's effort
 2. using the work of another group
 3. giving another group your group's work

STUDENTS CAUGHT CHEATING WILL NOT BE GIVEN ANY CREDIT ON THE PARTICULAR ACTIVITY IN QUESTION.
3. **Tests/Quizzes:** The instructor will keep all tests and quizzes.
4. **Conference Hours:** Before school and after school.

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.

If you plan to register for the AP Statistics exam on Thursday, **May 5, 2022**, you must do so by **November 15, 2021**.

<https://myap.collegeboard.org/>

AP Classroom Class Codes:

Period 1	Period 2	Period 4	Period 5
Z2RDX6	92J3YK	4NWDWG	WMVM6D

CGCC Dual Enrollment Information

www.cgc.edu/dual

AP Statistics	Thomas Rothery	Periods 1, 2, 4, 5	Elements of Statistics	MAT206	SPRING ONLY	17894	3	MAT 187 or EdReady score of 80	MA
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COMPLETE REGISTRATION IS DUE BY February 11, 2022

CGCC Registration Fees are due on the date of registration. Payment plans are available.

<https://www.cusd80.com/site/default.aspx?PageID=71235>

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: _____