

# AP Statistics

2021-2022

Sarah Ellen Anders, Instructor

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## Course Information:

This course introduces students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students who successfully complete the course and examination may receive credit, advanced placement or both for a one-semester introductory college statistics course. The AP Statistics course is an excellent option for any secondary school student who possesses sufficient mathematical maturity and quantitative reasoning ability. The TI graphing calculator will be used extensively.

## Supplies:

- Starnes, Yates & Moore, The Practice of Statistics 6th edition, W.H. Freeman and Company (Flamingo Book)
- 2" Binder
- Loose leaf paper
- Pencils
- Highlighters and/or colored pencils/markers (optional)
- **TI – 84 Plus Silver Edition or Color Edition** (any other graphing calculator will have a different way to input data than what I will teach with the TI-84 plus, and the student will have to figure out these steps on their own). We will use these **EVERY DAY**, so these are needed ASAP.

**Essential Course Outcomes:** The College Board sets forth, in its course description, what the course will include at a minimum. The course description can be downloaded here:

<https://apcentral.collegeboard.org/pdf/ap-statistics-course-description.pdf?course=ap-statistics>

You will find that it has sample problems, describes the philosophy of the course, and includes an extensive topics list. The course description is the basis for your grades and everything we do in the course, so it is a very good idea to read it.

## Homework, Attendance, and Effort:

- The purpose of homework and other assignments is to allow you to practice what we have learned and discussed in class, to prepare you for the next time we meet, and to prepare you for tests.
- Expect assignments EVERY DAY!
- Doing homework should improve your skill and understanding. Homework will be checked periodically.
- Sometimes in class homework assessments will be given to ensure that students understand the week's material. Do not expect to do well on these or quizzes or tests if you have not completed the assignments.
- You will frequently have access to answers for assignments. Answers aren't the same thing as solutions-- answers are usually an end result, whereas a solution usually has all the intermediate steps included. Having access to the answers means that you are responsible for the solution.
- Use class time to your full benefit and be actively engaged in the lesson. It is the student's responsibility to keep track of missed notes and work and when it is due.
- Notes and/or handouts will be given most days and these should be completed and filed in your binder.

**Absent Work Policy:** When you are absent, make-up work is your responsibility. You should check online for your assignment. Scheduling make-up tests is also your responsibility. The maximum amount of time allowed to make-up a test is one week. Make-up tests will be given at 7:15 AM. You must bring with you all needed materials. If you schedule a test twice and do not show up, you will receive a zero for that test. If you are absent the day before a test, you must take the test with the rest of the class unless we covered new material that day that is included on the test. Tests are announced well in advance. If you miss one day of school, you have three days to make up any missing assignment. After being absent for more than one day, ask me how many days you have to make up the rest of your work. I will try to work with you on this. Most of the time you will NOT have a week to make up your work. Often, we will have had a test on the material you missed before the week is up, so you must make up the work before then. Of course, I will make every effort to help you and can make adjustments IF you will communicate your needs to me.

**Late Work:** For each unit, late work is accepted for 70% credit. After the unit test, no late work will be accepted. You will earn a 0 for any missing assignments.

**Academic Honesty:**

Cheating, either in the classroom or on outside work (including homework) will not be condoned. All students should complete work honestly and with integrity. Always do your best work and then you will be proud of it.

Tests: Students will be monitored closely. Giving or receiving information concerning a test before, during, or after that test without permission from the instructor is an act of cheating. Possession of any information, written or electronic, that is in any way related to the material being tested without prior approval from the instructor is considered cheating.

Out of Class Work: Students' work must be solely his/hers unless the teacher gives specific instructions otherwise. In that situation, a student must credit the source(s) used. Copying homework or allowing homework to be copied is a violation of the policy.

Persons who cheat or plagiarize:

- Shall not receive credit on the work
- Shall have their parents notified by the teacher
- Shall jeopardize their standing in honor societies, extra-curricular activities, and other organizations according to the by-laws of each. Such behavior also jeopardizes letters of recommendation and scholarship opportunities.

**Grading Percentages:**

60% Major

40% Minor

**Grade Posting:** Grades will typically be posted to PowerSchool when the entire class has completed a major test or at the end of every week. Parents and students are encouraged to use PowerSchool to view grades.

**Extra Credit:** No extra credit will be given. Please do not request extra credit.

**AP EXAM:**

The AP Statistics exam will be given on May 5, 2022.

**Classroom Rules:**

- Rule #1: Be in your assigned seat when the bell rings and immediately prepare for class.
- Rule #2: Follow directions the first time they are given.
- Rule #3: Phones are to be placed in the front of the room when entering the classroom. Each student will have their own slot for their phone every day.
- Rule #4: Listen when others are speaking.
- Rule #5 Be respectful of others and their belongings.

**Important Student Responsibilities:**

- **It is important for students to check Google Classroom and school email daily.**
- In case of a time of virtual learning, students will receive important reference material and instructions through Google Classroom and email. So, it is important that students become familiar with these online tools as soon as possible.
- Students may communicate with the teacher through email and/or Google Classroom comments.

Parents,

If there is ever a question or concern, please contact me so we can avoid any miscommunication. I am so excited about this new school year and am looking forward to getting to know my students!

Don't forget to fill out the following form (provided in class) so your child can turn it into me tomorrow.

Sincerely,

**Sarah Ellen Anders**

Student Name \_\_\_\_\_ Class Period \_\_\_\_\_

**I have read Mrs. Anders' AP Stats syllabus for the 2021-2022 school year. I have read and understand procedures, rules, and the policies for Academic Honesty. These are on my page of the school website and in Google Classroom.**

**Students: I pledge to do my own work, my best work, and conduct myself so that I am an encouragement to others.**

Student Signature X

\_\_\_\_\_

Parent Signature X

\_\_\_\_\_

**Please list contact number and email addresses below.**

**Parents/Guardians Info:**

Name \_\_\_\_\_ Home Number \_\_\_\_\_

Cell Number \_\_\_\_\_ Work Number \_\_\_\_\_

Email Address(es) \_\_\_\_\_

Name \_\_\_\_\_ Home Number \_\_\_\_\_

Cell Number \_\_\_\_\_ Work Number \_\_\_\_\_

Email Address(es) \_\_\_\_\_