

2023 - 2024 AP Statistics

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This is a fast-paced and rigorous Advanced Placement (AP) Statistics course that includes substantial work with the skills and concepts presented in each lesson. The course emphasizes more complex applications and challenging exercises than that of students in the traditional high school mathematics and/or statistics courses. You will be required to think, to apply what you know in new and different situations, and to use problem-solving skills. The advanced placement course is one in which the concepts from the beginning lessons build upon one another and are essential to the mastery of the material that will be encountered later in the year. In order to be successful, you must have a strong foundation of math skills and be consistent with your homework and study habits. It is our hope that you will not only learn the major concepts of this course, but that you will also become a more independent learner. These are skills that you will need to be successful in future college and university courses. It is your responsibility for this year to be a success! Because of the pace of our curriculum, we will not be able to spend time in class reviewing skills that were presented in the prerequisite courses.

Resources – I will use the following resources all throughout AP Statistics.

Textbook

Starnes, D. S., Tabor, J., Yates, D. S., and Moore, D. S. (2014). *The Practice of Statistics* (5th ed.). W. H. Freeman and Company.

Textbook Replacement Cost \$114.00

Khan Academy

Free and accessible on the internet

AP Classroom

Free to the student once the school year is started

Grading Scale

A: 90 & above: Outstanding quality of work, on time, almost all problems worked out correctly

B: 80-89: Above average quality, on time, some mistakes in worked problems

C: 70-79: Average quality, on time, frequent mistakes in worked problems but concepts generally understood

ADVANCED PLACEMENT EXAM:

All students will be expected to take the AP Statistics Exam.

COURSE ASSESSMENT:

Nine Weeks Grade = 50% (Tests) + 30% (Quizzes) + 20% (Work - classwork and homework)

1st Semester Grade = (1st 9 weeks + 2nd 9 weeks) ÷ 2 x 80% + Semester Exam x 20%

2nd Semester Grade = (3rd 9 weeks + 4th 9 weeks) ÷ 2

*It is imperative that classwork and homework be done on time so that the student does not become overwhelmed with the pacing of the class. Students will be allowed one retake on quizzes. Students will not be allowed to retake an exam.

Supplies

- notebook paper and pencils
- **Graphing Calculators – TI-84 Plus**. The TI-84 Plus is the calculator that I will be using the most. We have a class set of these that you are welcome to use while in class, but you may also use your personal calculator. If you would like to purchase one that is rechargeable and has color graphing, then I suggest buying a **TI-84 Plus CE**. The bottom line for calculator use is this: you can either use an in-class school calculator (and use the Calc 84 phone app while at home) at no cost or buy your own calculator (your choice of any TI-84).

Make-up and Extra Help

- The school's make-up policy for absences (found in the student handbook) will be followed.
- Students needing extra help can talk with the teacher and help will be provided at an agreed upon time, usually before, after school, or during PRIDE time.
- **Students will not be given extra help before or after school when the need was caused by lack of attention, participation, or preparation.**

TUTORING SCHEDULE:

- Tuesdays and Thursdays from 3:15 PM to 4:00 PM
- Tutoring is for students who pay attention and work in class, but need more exposure to the topics.
- Students will be notified either in class or via Google Classroom if tutoring is canceled.

TECHNOLOGY:

- No cell phones or ear devices (headphones, earbuds, earpods, etc.)

Classroom Expectations

- All students are expected to read and abide by the rules listed in the student handbook – Code of Conduct, Behavior Code, Dress Code, and Discipline Procedures.
- Students are expected to comply with basic school protocol such as being prepared and on time for class, maintaining an appropriate noise level, and cleaning up behind

oneself.

- No sleeping, eating, drinking, or inappropriate language.
- All assignments are expected to be turned in on time. NO late assignments will be accepted unless extenuating circumstances have been shared with the teacher and administrator. An NI is not an extenuating circumstance! (see the Make-up & Missed Assignments section below)
- Be respectful at all times to all persons and all property.
- Give 100% effort daily!!! You will only get as much as you give.
- Substitute teachers are considered guests in our classroom and will be treated with the utmost respect. Any misbehavior while a guest is in our room will result in an automatic thirty-minute detention after school.

Make-up & Missed Assignments

“Honors classes offer a more challenging curriculum. All assignments will be expected to be turned in on time. Late assignments will be accepted only given extenuating circumstances that have been shared with the teacher. Extenuating circumstances will require documentation. Late work with no extenuating circumstances will not be accepted. An NI or CCR is not an extenuating circumstance” (2022-2023 LCHS Student Handbook, p. 11).

Consequences of Unacceptable Behavior

The following will occur as the result of unacceptable behavior:

- 1st offense: Warning
- 2nd offense: 30 minute detention
- 3rd offense: 30 minute detention/ Parent Contact
- 4th offense: Office Referral

A student who causes a major disruption will be sent to the office immediately. Students in after school detention may be asked to do some light housekeeping duties.

LCHS Tardy Policy:

- 1-2 tardies Warning
- 3rd tardy Teacher - assigned Lunch Detention
- 4th tardy Teacher - assigned Lunch Detention/Parent contact(noted in IC)
- 5th tardy Teacher - inputs SWARM/Counselor Referral
- 6th tardy Discipline referral - Before/After School Detentions-Parent contact
- 7th tardy Discipline referral - Sat. School
- 8th tardy Discipline referral - 1 day of ISS and loss of good standing
- 9th tardy Discipline referral - 2 days ISS
- 10+ tardies Discipline referral - administration discretion