

# Statistics Syllabus 2024-2025

**Teacher:** Mr. J. Ybarra  
**Phone:** (210) 228-1210 ext.32289

**E-mail:** jybarra7@saisd.net  
**Conference:** A-Days 4th period  
2:55 - 4:30 pm

## I. Course Description

Statistics is the gateway to so many different opportunities/positions waiting for you outside of high school. There will be plenty of applications and critical thinking involved in helping you become a more educated person when you leave this room. Some of these topics include “Who is the best basketball player of all time?”, “Is my vote really making a difference?”, and much more to dive into and explore! **This will have elements of a flipped classroom! Videos and Google Forms to watch/fill out before you come to class.**

## II. Course Outline:

Misleading Data, Bias, Sampling  
Outliers, Mean/Median/Mode, IQR, Boxplot/Dotplot/Histograms, etc  
Z-Scores, Confidence Interval, Margin of Error  
Probability  
Correlation/Regression  
Chi-Square Testing/Statistical Tests

## III. Materials

- district issued laptop and charger
- Notebook
- pencil

## IV. Course & Academic Expectations

### • Cell Phone Policy

Cell phones will be picked up at the beginning of class. If you need to call your student, call the front desk and they will contact me.

### • Class Expectations

- Be prepared, bring all materials to class.
- Treat everyone and their belongings with respect.
- Attend and come to class on time. You must follow the campus bell schedule.
- Students will use an assigned TI Nspire calculator in class. If the calculator is damaged and/or lost, it will be the student's/parents' responsibility to replace it.
- Submit all assignments, according to class due dates.
- Absences from class may result in disruption of a student's mastery of the instructional materials, the student and parent should make every effort to avoid unnecessary absences.

### • Absentee Protocol

If you miss a class it is the student's responsibility to collect missed work, in order to remain on pace with the class. **Look on Canvas to view any missed work from the previous class. If you have questions, please let me know!**

### • Make-Up Work Policy

- Late assignments will be accepted up to 5 days late with a deduction of 10 points from each day until the 5th day.
- Missing assignments/tests will be given a 50 until the student turns it in before the 5 day mark.

### Course Grading Policy

An assignment will be assigned after every lesson.

- You will be required to **show** your work in a neat and orderly fashion. This will allow me to see if you understand the concepts and material presented in class as well as assign partial credit. **Points will be deducted if you fail to show appropriate work.**
- Cheating will **not be tolerated**. You will receive a zero for copying work and answers to assignments, quizzes, or tests. A referral will be sent to the office and parents will be notified.
- If a student is not successful in a test, they must complete corrections and then re-test.
- Assessments 40% of grade will be based on Tests, Quizzes, and Projects
- Assignments 60% of grade will be based on assignments, exit tickets, participation, etc.
- At the teacher's discretion, a replacement assignment may be given to ensure student success.

## V. Tutoring

My in person tutoring times will be after school on Tuesdays from 4:30 - 5:00. I can meet by appointment if needed and before school from Tuesdays and Thursdays 8-8:30.

**Parent/Teacher Contact:**

Parents are encouraged to be active participants in their child's education. Parents are encouraged to visit, call, or email the teacher with any comments, questions, or concerns.

**PLEASE REVIEW, SIGN, AND RETURN THIS COMPLETED PAGE TO Mr. Ybarra BY FRIDAY, AUGUST 23, 2024 IF YOU AGREE TO THE POLICIES AND EXPECTATIONS OUTLINED IN THIS SYLLABUS:**

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Student Information Sheet**

Last Name \_\_\_\_\_ First Name \_\_\_\_\_ Middle I. \_\_\_\_\_

Parents' or Guardians' Names \_\_\_\_\_

Parents' Cell Phone \_\_\_\_\_ / \_\_\_\_\_

Parents' E-mail Address(es) \_\_\_\_\_

Parents' comments, questions or concerns:

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