

AP Statistics – Course Description and Expectations Lynbrook High School

Mr. Iams • www.lhs.kennyiams.com • Room 404

Email: ken_iams@fuhisd.org or message me through Schoology • Telephone: 366-7700

Welcome to AP Statistics! I am excited that you have expressed an interest in statistics – a way of reasoning, along with a collection of tools and methods, designed to help us understand the world. As you will come to realize throughout this course, regardless of your future field of study a solid foundation in statistics will serve you well.

As we work together this year, our **course goals will be to:**

- Develop an understanding and appreciation of the four broad conceptual themes outlined in the College Board [AP Statistics Course Description](#).
- Explore and analyze data, assess models, and perform simulations using a variety of technology.
- Draw connections between all aspects of the statistical process, including design, analysis, and conclusions.
- Communicate methods, results, and interpretations using the vocabulary of statistics in speech, writing, graphics, and presentations.
- Participate actively and work cooperatively with one another in a positive classroom community.
- Perform admirably on the AP Statistics exam in May.

The AP Statistics course is designed to be the equivalent of an introductory college course in Statistics. Enrolling in AP Statistics means that you have undertaken a personal responsibility to work hard and manage your time to keep up with a rigorous curriculum. In order to maintain a fun, intellectually stimulating, and balanced year, carefully examine your academic load and outside activities, and make sure that you are willing and prepared to commit adequate time to ensure your success in AP Statistics.

STUDENT EXPECTATIONS

At all times, to contribute positively to the learning environment:

- Respect, listen to, and support each other. Every person's opinion is valued.
- Come to class on time, prepared to participate, learn, and succeed.
- Abide by the FUHSD Academic Honesty Policy and [FUHSD's Technology Use Agreement](#). Refer to [FUHSD's Academic Honesty Policy](#) for various examples and forms of academic dishonesty that should be avoided and consequences for those actions.

PREREQUISITES

Algebra II with a minimum grade of B (C with teacher recommendation)

COURSE MATERIALS

- **Textbook:** [Stats Modeling the World - 3rd ed.](#) Bock, Velleman, and De Veaux, Boston: Pearson Education, Inc. Class notes and summary guides will prove invaluable in complementing the text (so pay attention). A supplemental book of practice AP Statistics Questions will be a component of second semester.
- **Daily Supplies:** Internet access, pencils, colored pens, paper, TI-84 Plus (preferred), or TI-89 calculator.
- **3 Ring Binder:** It should be organized by day and include the class notes and assignments for the current chapter. *Spiral binders don't work well for inserting handouts.*
- **Web resources:** Course and supplemental information is posted in Schoology and on the class website, www.lhs.kennyiams.com. These include links to key concepts, calculator instructions, applets, as well as real world applications. Please Email me links to any other resources that could benefit the class.

If Necessary - Remote Learning Class Meetings Overview

At the assigned class time, students will:

- Log into the Zoom AP Stats class meeting using the link provided in Schoology/Materials. Best practice is to login to a Zoom meeting 5 min ahead of time then be ready to participate at the start time. After logging into Zoom class, go to Schoology and complete the Warm Up (Getting On Board) activity while I admit students and take attendance.
- The class meeting time will be a chance for me to present and clarify teacher resources.
- You will also have an opportunity to ask questions about the week's concepts and assignments.
- Other class meeting activities could include: collaborative work, games, quizzes, etc.

ASSIGNMENT POLICY

- All assignments should be submitted before the scheduled due date. Checking your answers with the answers provided and making necessary corrections is part of a complete assignment. Specifically, submitting homework problems is not the end of the assignment. Students will be expected to use posted teacher resources to evaluate their work and make corrections. Your final grade for the assignment will be based on your initial work as well as the thoroughness of your corrections.
- LATE assignments will be accepted only until the next day for at most 1/2 credit!, NO credit thereafter.
- If you know you will be absent ahead of time (i.e. for sports, field trip, club day, college visits, etc.), please see me IN ADVANCE for handouts and to plan makeup work.
- Many assignments that are submitted for grading will be handwritten using pencil. Assignments must include aHeader: assignment number, your name, period, and seat number (if applicable).
- If you have a question about how an assignment was graded make an appointment with me within one week of the grade being posted to Schoology.
- Your assignments must always be kept in your possession until the chapter test in preparation for possible Assignment Quizzes. **Assignment Quizzes** are intended to ensure that students are completing all assignments, asking appropriate questions, making corrections to problems reviewed in class, and keeping an organized binder. Several problems will be chosen from previous assignments and/or class notes, for example: Homework 1 problem 13 and Warm-Up 3 problem 4. Students must simply open their binder (not their book) and copy down the problem and its solution. Assignment quizzes should be an easy 100% for everyone who completes their work and pays attention.
- **Copied assignments will be considered academic honesty violations for all participants involved.** The acceptable way to help or receive help from another student on an assignment (including homework and investigations) should involve a discussion where no writing takes place followed by time for all participants to work independently on the assignment. **Being in possession of another student's assignment (physical or digital) will be considered a violation of the FUHSD Academic Honesty Policy.**
- Assignments, projects, assessments, etc. are meant to grow your intelligence. Utilizing artificial intelligence in place of your own (except if specifically instructed) will be considered an academic honesty violation. You may use simple word processing tools to check spelling and grammar in your assignments/projects, but you may not use AI tools to draft your work, even if you edit, revise, or paraphrase it. There may be opportunities for you to use AI tools in this class. Where they exist, I will clearly specify when and in what capacity it is permissible for you to use these tools.

QUIZZES, INVESTIGATIVE TASKS, PROJECTS AND TESTS

- Quizzes may be small to evaluate understanding of a previous night's assignment or larger to evaluate your progress on a portion of your current work.
- Depending on the scope, investigative tasks and projects may be counted as an assignment, quiz, or test.
- Students prone to *Sudden Sickness + Miraculous Recovery Syndrome* on a quiz or test day – beware! Students who are not in class, but are healthy enough for sports or extra curricular events that same day – will be referred to administration.

ATTENDANCE and MISSED WORK

- Regular attendance and participation in class are essential for a successful mastery of the sequential concepts that are inherent in the course. One day builds on the next. Please make every attempt to schedule appointments at times that do not conflict with class.
- In the event that a day is missed for an excused absence, students are expected to check Schoology and the class website or coordinate with a classmate for assignments and class notes. After a student returns from an absence, they generally have the same number of days as they missed to turn in missed assignments and schedule make-up quizzes and tests for full credit. After that time, they will receive at most 1/2 credit.
- It is YOUR RESPONSIBILITY to keep track of your progress on Schoology and contact the teacher to schedule any necessary make-up work, such as absent quizzes or exams.
- **Students will NOT have the opportunity to make up work or exams for unexcused absences.**

PARTICIPATION

Simply ask yourself, “**Did I contribute positively to the learning environment today?**” Points for participation are calculated based on teacher records of class meetings as well as warm ups, checks for understanding, Edpuzzles, etc. Cell phone use largely detracts from attention and participation. Cell phone use is not allowed unless instructed by the teacher. Cell phones should be off and out of sight during class. Exemplary communication and collaboration will earn points. Detractions and violation of class expectations will result in point deductions, this includes tardies and unexcused absences. I’m constantly keeping score and will post your grade at the end of each 6-week grading period.

GRADING POLICY

Students earn grades by demonstrating mastery in the following weighted categories. Your grades and assignments will be continuously available for you and your parents to check on Schoology. It is your responsibility to stay informed, up to date, and take appropriate actions. The course is structured to continuously check for student understanding. Students who do not put forth their best effort authentically completing assignments and learning from mistakes, should not be surprised with suboptimal performance on an assessment. If you are having any difficulties, please see me for help so that we can clear up any misunderstandings prior to a big test. Grades are not rounded, 89.8% = B was earned. Anything subject to academic honesty violations will receive a 0% F.

<u>Grading Categories</u>	
Assignments and Participation	30%
Quizzes and Tests	50%
<u>Final Exam</u>	20%
Cumulative Grade	100%

<u>Grading Scale</u>	
100 → 90%	A
<90 → 80%	B
<80 → 70%	C
<70 → 60%	D
<60 → 0%	F

Don’t hesitate to contact me with any questions or concerns. I’m looking forward to a great year.

Sincerely,

Mr. Iams