

AP Statistics – Course Description and Expectations
Lynbrook High School

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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 (even on unannounced quizzes).
- Abide by the FUHSD Academic Honesty Policy. A copy of the policy is available in the student planner or on the LHS website. Refer to the FUHSD 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:** Pencils, highlighters or colored pens, paper, a TI-83 Plus, TI-84 Plus, 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 handing in assignments and inserting handouts.
- **Web resources:** The Resources section of the class website, www.lhs.kennyiams.com will provide important supplemental information. Including links to key concepts, calculator instructions, applets, as well as supplements to our text book. Please Email me links to any other resources that could benefit the class.

ASSIGNMENT POLICY

- All assignments are due at the beginning of class on the day of the deadline! Checking your answers with the answers provided and making necessary corrections in a different color is part of a complete assignment.
- LATE assignments will be accepted the next day only 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.), find out IN ADVANCE what you will miss in class by checking with me and asking for any handouts or due dates.
- Most assignments that are collected for grading should be handwritten using pencil. Each assignment must include the Header: assignment number, your name, period, and seat number.
- 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 our web site. Grade inquiries will not be granted after this time.
- 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 will be considered a violation of the FUHSD Academic Honesty Policy.**

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 a 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, students are expected to check the class website, www.lhs.kennyjams.com, or call a classmate for assignments and class notes. After a student returns from an absence, they have the same number of class meetings 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 the class website and contact the teacher to schedule any necessary make-up work, such missed as 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?**” Each grading period you will start with 7 points out of 10 in participation. Exemplary classroom conduct will earn participation points. Any violation of class expectations will result in deduction of participation points. Each tardy will result in a loss of 0.5 points. Unexcused absences will result in a loss of 2 points. I'm constantly keeping score and will post your grade at the end of each 6-week grading period.

GRADING POLICY

Students earn grades in the following weighted categories. Your grades and assignments will be continuously available for you and your parents to check on the class web site, www.lhs.kennviams.com. It is your responsibility to stay informed and up to date. Grades are not rounded, an 89.8% = B was earned. Anything subject to academic honesty violations will receive a 0% F.

<u>Grading Categories</u>	
Participation	10%
Assignments	15%
Quizzes	20%
Tests	35%
Final Exam	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