

# Mrs. Fernando AP Statistics

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Welcome to the 2017-2018 school year! I hope you had a wonderful summer break BUT it is that time of year again where sleeping in until noon is not an option and homework is now your BFF! J I am excited that you choose to take AP Statistics. Statistics will be different from any math class you have ever taken before now. You will be expected to read the textbook! Shocking, I know! Please expect to spend 1 hour per night studying for this course. This class is design to prepare you for the AP exam as well as for college. Be committed!!

Teacher/parent/student communication is essential to have a successful year. Please feel free to contact me, at school (817-314-1600) and leave me a message or email me at [glendafernando@misdmail.org](mailto:glendafernando@misdmail.org), if you or your parents have any questions. I want each of my students to prosper in this class while preparing for life after high school. One of my goals for my students is that they become an advocate for themselves. Please encourage them to talk to me when they are confused, feeling frustrated, or upset. I welcome open, respectful dialogue to help make their learning experience better. Communication in all situations will help them to gain confidence in solving problems when they arrive especially when they go off to college in a few short years.

Course Description: The purpose of this Advanced Placement course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Therefore, AP Statistics would be an excellent choice for students interested in pursuing a career in business or medicine. Students are exposed to the four broad conceptual themes which follow: 1) Exploring data – observing patterns and departures from patterns; 2) Planning a study – deciding what and how to measure; 3) Anticipate patterns – producing models using probability and simulation; and 4) Statistical inference – confirming models. This is a communications course in which students are taught to analyze data utilizing calculators and computers. At the conclusion of this course, students may take the Advanced Placement Statistics Test which provides the opportunity to earn college credit in statistics.

Textbook: Each student will have their own online access to *Big Ideas Algebra 2* and resources.

Digital material:

- Skyward - <http://www.mansfieldisd.org/skyward.htm> Students grades wo;; be posted in Skyward within five business days. You should monitor your grade on a regular basis.
- Google Classroom – Students will be guided through the Google Classroom enrollment process using their MISD accounts. Students need to regularly access Google Classroom for assignments, calendar, etc.
- Big Ideas – [www.bigideasmath.com](http://www.bigideasmath.com) Each student will receive an access code for their online book.

Classroom Expectations: Both you and I will abide by these policies as well as those established by MISD and Frontier High School.

- **Respect**
  - for yourself – come to class prepared with your materials and assignments; be dressed and groomed so that it will not be necessary during class.
  - For others – classmates are learning and I am guiding that learning, so distracting behavior is not acceptable.
  - For your environment – no food, drinks, or other pollutants
  - For property – clean up after yourself and be careful with items that are placed in your care.
- **Responsibility** - taking care of assignments and other business at appropriate times
- **Reliability** – be present, prepared (by having required materials and student ID on and visible)
- **Ready to participate** – ready and willing to be part of class activities and discussion

Other General Policies and Procedures will be followed according to the Mansfield ISD Policies indicated in the Student Handbook. Each student will receive a handbook; additionally, a digital copy is located on the school website.

Electronics: All electronics, including but not limited to cell phones, laptops, and iPads will ONLY be utilized when deemed appropriate by myself. Penalties for violating this policy might include taking the item up or a referral. Confiscated items will incur a \$15 fine per district policy. Cell phones need to be out of site at all times during class.

Materials

- pencils
- binder/folder to keep notes
- 1 box of tissues –OR- 4-pack of AAA batteries

Tutorial: I feel it is my responsibility to help you when you are having problems understanding what we are covering in class. **It is your responsibility to let me know that you are in need of help.** It's best to make arrangements to come to get help before you get too far behind. Tutorial times will be Monday & Wednesday afternoons from 2:30 to 3:20 and Tuesday & Thursday during advisory. If those days do not work with your schedule, please come and visit with me to see if there is another available time for the week or you may also visit Mrs. Castor after verifying her availability.

Extra Credit: I don't usually give extra credit assignments as I give many opportunities to improve your grade throughout each grading period. You can earn extra credit by coming to after school tutorials. During each semester, when you come 5 times to after school tutorials, you can apply 5 points to a test, 10 points to a quiz OR change a homework grade to a 100%. **These extra credit points can only be applied to the current grading period and must all be used by the end of each semester.**

Grading Practices: Six weeks grades shall be obtained by averaging daily work (homework, class work, or quizzes, etc.) and major grades (tests, projects, lengthy assignments, etc.). Each six will be evaluated as follows:

Test 70%

Quiz 25%

Assignments 5%

The semester grade will be calculated as follows:

$(1^{\text{st}} \text{ 6-wks} * 26\%) + (2^{\text{nd}} \text{ 6-wks} * 27\%) + (3^{\text{rd}} \text{ 6-wks} * 27\%) + (\text{Sem Exam} * 20\%) = \text{Sem Grade}$

**Late work will follow the district policy of 10 points deducted per day for a maximum of 3 class days at which point it will become a zero.**

Retests: Students who receive a test score below 70% will be allowed to retake the test for a grade up to a 70% grade.:

- Student must come to a minimum of 1 tutorial session and make corrections on the original test to be able to retest.
- Tutoring can be after school or during Advisory.
- All retakes must be completed prior to the end of each grading period unless the student is afforded time, after the 6-week grading period, as a result of the district's absent/make-up guidelines. Otherwise, student has a 2-week window to retest. (I will give the deadline after each test is given back.)
- **RETEST SHOULD BE TAKEN AFTER SCHOOL.** It is the student's responsibility to schedule their retest with me BEFORE showing up to retake the test.

Absences/Tardies: See the handbook for district attendance policies. It is YOUR responsibility to get any missed information, which includes but is not limited to warm-ups, notes, and assignments. You will need to check the late work folder on the day that you return to school. You are allowed 4 tardies per semester. On the 5<sup>th</sup> tardy, an office referral will be issued. If you are absent the day homework is due, it is due upon your return. If you miss a test or quiz, you will have one calendar week from the date the assessment was administered to make it up; otherwise, it will remain a zero. **Being absent on a review day does not entitle you to miss the test or quiz the following class.** It is imperative you attend tutorials if you are absent!

Course schedule: A six-week calendar is attached for the 1<sup>st</sup> six weeks and the link will be posted on the school website as well as google classroom for following six-weeks. Please remember, this is a living document and is subject to modification.

Integrity: Please refer to the student handbook discusses district policy on academic dishonesty. When you turn any assignment or project in I expect it to be your work and not copy from someone else or the internet. You will receive a zero on any work that is copied. There will be no tolerance.

I am looking forward to getting to know you! Let's have a fabulous year together! Please fill out the google form by August 21st to let know some essential information and that you read my syllabus.

<https://goo.gl/forms/1BoGitLM7kUKwFM42> or scan the QR code.

Sincerely,

Glenda Fernando

