

Statistics & Data Analysis

Teacher: Mr. Dalmati

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Text: Starnes, Daren and Daniel Yates. *Statistics Through Applications*, 2nd edition. W.H. Freeman and Company, 2010.

Students must have their books covered. Please do not fold the corners, cram papers, or write in the book.

Content: This course is divided into four main themes, including: Analyzing Data (Chapters 1-4); Producing Data (Chapter 5-6); Chance/Probability (Chapters 7-8); and Inference (Chapters 9-10).

Expectations:

1. Follow all school rules.
2. Treat each other and me with respect.
3. Arrive to class on time and prepared with your covered book, notebook, and pencil each day.
4. Put your completed homework on your desk and begin the warm-up upon entering class.
5. Raise your hand to be given permission to speak and remain attentive while others are speaking.
6. Keep cell phones off and put away during class.

Notebooks: Students should keep a three-ring notebook to be used exclusively for this class. Separate the notebook accordingly:
(1) Notes/Handouts (2) Homework

Calculators: The TI-83 or TI-84 (or plus and/or silver models) is the best calculator for this course. It is essential that students have one of these calculators, since it will be used extensively throughout the course. Students must bring their calculators to class daily.

Attendance:

1. Class attendance is critical to your success.
2. If you are going to be late to school or must leave early, let me know beforehand.
3. Be in class on time! Lateness will adversely affect your participation grade.
4. It is your responsibility to complete all assignments, even if you are absent. You are expected to check OneNote, view the posted class notes and make an honest attempt at completing the homework problems. The fact that you are absent does NOT excuse you from being prepared for class upon your return.
5. You are responsible for all material taught. Your absence during a unit does NOT exempt you from having to learn the material in preparation for quizzes and tests.

Class Participation: Students begin each marking period with 21 out of 30 participation points. Each time a student explains the solution to a problem, he/she will gain an extra point. Points will be deducted if a student is inattentive, disruptive, disrespectful, behaving inappropriately, unprepared for class, uncooperative, late to class, or persistently absent from class.

Classwork / Homework: When we review homework problems, students are expected to check their work and correct any mistakes. If you need extra help, please do not hesitate to see me after school with any questions you may have. Students begin each marking period with a bank of 70 homework points. Assignments less than half complete result in a 4-point deduction from the bank, and assignments over half complete but not fully complete result in a 2-point deduction.

Make-Up Work: It is solely the student's responsibility to make-up missed classwork and homework. All make-up quizzes or tests must be completed after school. Students will be given one day for each *excused* absence to make up their test, and the day you return to school counts as day one. If you are absent the day before a quiz or test, you will take the quiz or test the next day with the rest of the class. Students who miss a class due to an *unexcused* absence will be referred to administration for disciplinary action. I reserve the right to give an alternate version of any assessment.

Grading System: Students should check their grades using the Infinite Campus Portal, which will be updated after assessments are graded. Cheating of any kind will not be tolerated, and students will be referred to administration for disciplinary action. Marking period grades consist of: Summative (Tests/Quizzes) = 90% Assignments (Classwork, Homework, Participation) = 10%

Students must show all work and write neatly so they may receive partial credit. All graded work must be completed in pencil. Grades will not be curved, and there will be no extra credit. Students must work hard from the beginning of the course and seek additional help as needed. Each marking period is worth 40% of the overall course grade, the final exam is worth 12% of the overall course grade, and the four performance assessments are worth the remaining 8% of the overall course grade.