

Course Syllabus for Honors Probability and Statistics

Fall Semester 2019

Wando High School
Charleston County School District
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T -16
3rd and 4th Block

Description

This semester, you have the opportunity to learn a very different type of math. Statistics is unlike any math course you have ever had. In this course there is less number crunching but more “thinking” than you may have had in other math courses. The most important thing that you will get from this course is how to be a critical thinker and objective reader. It is my hope that after you finish this course, you will be a more conscientious consumer, a more informed citizen, and a shrewd observer. You will not be fooled by advertisement, corporate sponsored studies, or the media. You will have an informed opinion. Statistics has a way of s-t-r-e-t-c-h-i-n-g your brain to think in a different way than you may have in the past. Your problem solving and reasoning skills will improve. You will organize information more effectively and communicate your ideas more clearly.

Textbook

Stats in Your World by Bock and Mariano \$76.00

Your textbook is also accessible online. <http://www.phschool.com/> web code: azk – 1109.

Please let Ms. Manna know if you would like to check a copy of the book out for the term.

Course Supplies

Notebook paper, pencil, binder, and a graphing calculator (Ti-Nspire CX , TI-83/84,)

You are also able to check out a TI-83/84 calculator from the media center

Approximate Course Outline

Unit	Major Content Areas	Days
0	Introductions, Data Collection, & Course Technology and Processes	2
1	Foundations of Probability & Statistics	6
2	Types and Rules of Probability	14
3	Counting (& Probability with larger numbers)	8
4	Quantitative Data	7
5	Probability Distributions	7
6	Normal Distribution	7
7	Confidence Intervals	7
8	Hypothesis Testing	7
9	Regression	8
10	Venn Diagrams	8
	Review & Final Exam	3

Class Rules and Regulations

Specific:

1. Take ownership of your learning!
2. Be on time and prepared to work!
3. Follow instructions to the best of your ability.

General:

1. Respect yourself & Respect others.
2. Accept personal responsibility for your actions.
3. Follow all policies & procedures in the “Wando High School Student Handbook” & “CCSD Rights and Responsibilities”.

Discipline:

Once you are inside the classroom, conduct yourself as a student should (see SPECIFIC and GENERAL above). However, if problems arise, “in-class corrections” will be made, followed by the possibility of temporary removal of students from the class, parental/guardian contact, or other appropriate action. Further problems or serious infractions could result in office referral.

Cell Phone Policy: Students will have access to PocketPoints. Through PocketPoints they can receive rewards in class, such as, but not limited to: retake a quiz, turn in a late assignment, etc, by not being on their phone during the allotted class period. Phones can be a useful learning tool, but should only be used for learning or listening to music with permission. If phones become a distraction, parents will be contacted and the teacher may collect the phone. ALL phones will be turn in prior to take a test.

Academic Dishonesty

First offense: The student receives a grade of zero on the assignment and the parent is contacted.

Second offense: The student receives a grade of zero and is referred to his or her administrator.

ID's

ID's are issued for security reasons. It is imperative that every student wears his or her ID to school every day. You must have your ID on in order to **enter** the classroom.

Agendas

Every student is given a Wando High School agenda on the first day of school. A lot of useful information is included in the agenda. It is a great tool for students to use for recording assignments. It also serves as a hall pass for students who need to go to the nurse, the attendance office, the restroom, etc. Students are to have their own agenda in their possession at all times.

Tardy Policy

Each student will be issued a Tardy Card to wear along with their school ID. When a student is tardy and arrives at the classroom door, they will present their tardy card to the teacher in order to be punched. Students will have numbers 1-4 on the tardy card. The teacher will punch a hole on the lowest available number #1-3 when tardy. Once #4 gets punched on the Tardy card, your card will be taken up by the teacher and consequences will begin starting at the 5th Tardy.

STUDENTS WILL BE ISSUED NEW TARDY CARDS EACH NINE WEEKS. If the student does not have a tardy card, you must report to the nearest check-in station to receive a tardy slip to class.

Moral of the story: You will not be allowed in the classroom until you either produce your tardy card or a tardy slip or better idea, **BE ON TIME FOR CLASS!**

Attendance and Make-up

All students who are absent, regardless of the reason, are required to make up work missed.

Students who know in advance that they will be absent must check with their teachers to determine what assignments could be completed early. This applies to all school-sponsored activities.

Upon returning from an absence, the student is responsible to initiate immediate action to make up missed work.* The teacher will decide the day and time when work will be made up within five (5) days; failure to meet a teacher-imposed deadline is grounds for awarding no credit for missed work unless the teacher agrees to a change before the fact or unless a bona fide emergency exists.

* Pre-scheduled tests must be made up on the date of return unless arranged with the teacher before-hand. Long-term assignments are due on the original due date; teachers may assign a late-penalty to any long-term assignment not submitted by the original due date.

In the event of a dispute over make-up rights, appeals should be directed to an Associate Principal

Grading Procedures

Your grade will be comprised of 10 unit all with equal weighting. Each unit will have a test (500 pt), 5 exit tickets (60 pt), 5 portfolio (8 pt) and 1 review (40 pt). There will also be one project each quarter worth 450 pt each and daily log checks at random that will sum to 200 points.

The overall weighting of grades is as follows:

Category	Weight
Major (Tests, project)	60%
Minor (quizzes, exit tickets)	30%
Daily (reviews, portfolio, daily log)	10%

Each nine-week grade counts 40% of the final course grade. A cumulative final exam accounts for the remaining 20% of the final grade.

There is one 1 attempt for each test and project.

All exit tickets have 2 attempts, the first attempt is worth full credit (60pt), the second attempt is worth 90% credit (54pts)

Exemption Policy

I will uphold the Wando High School final exam exemption policy.

Grading Scale

A	90 - 100
B	80- 90
C	70 - 80
D	60 - 70
F	below 60

The teacher reserves the right to adjust or modify these policies at any time to best serve the needs of the students.

Name _____

I have read the Syllabus/Classroom Management Plan provided by Ms. Manna for Honors Probability and Statistics, Fall Semester, 2019.

Student Signature _____

The following information is to be completed by the parent or guardian.

Please read through the syllabus with your student and make sure you both understand the expectations for this class. Please sign and return the following page by Friday.

My email address at school is Kristin_manna@charleston.k12.sc.us, Feel free to email at ANY time, any questions, comments or concerns.

I, the parent/guardian of _____, have received, read, and discussed with my child, the classroom policies provided by Ms. Manna for Honors Probability and Statistics, Fall Semester, 2019.

Parent/Guardian Signature _____

Parent/Guardian Daytime Telephone Number _____
(The best number to reach you)

Parent/Guardian e-mail address _____

Preferred method of contact: phone or e-mail