

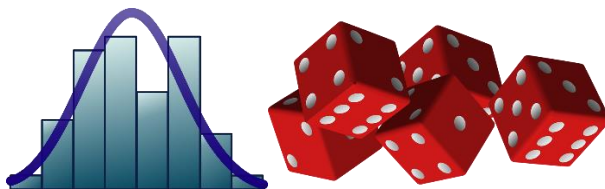
Probability & Statistics Honors

Course Syllabus

Teacher: Mr. Soto

Room: 4-316

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COURSE INTRODUCTION

Welcome to Probability and Statistics Honors! This is a relatively new course offered at this school that includes topics on collecting and analyzing data, making inferences from data, probability, and hypothesis testing. There will be various formulas that will be used in the course, and a basic knowledge of algebra will be useful to tackle some of these concepts.

REQUIRED MATERIALS

- **Schoolwide Binder (2 dividers).** This will be used just for your organization. However, I will be grading digital binders for all students on OneNote Class Notebook.
 - Tabs on Class Notebook Digital Binder and Schoolwide Binder:
 - Handouts
 - Notes
 - Assignments
 - Assessments
- **Pencils, pens (red, black, blue), colored pencils, and highlighters**
- **Graph and loose leaf paper**
- **TI 30XIIS scientific calculator.**
 - Online students also have the option to use the Desmos scientific calculator:
<https://www.desmos.com/scientific>
 - Online students can also download the TI 30XS calculator software for a free trial from Texas Instruments: <https://education.ti.com/en/products/computer-software/ti-smartview-30-34>

Note about Materials:

- Do not use phones as calculators! I will have TI 30XIIS scientific calculators in class, but it would be nice for you to have your own to give you the option to work on homework assignments

ONLINE RESOURCES

- Make sure to use Canvas for your assignments, lessons, and to communicate with me via the email system there.
- Student's grades can be located in Focus (<http://portal.pcsb.org>).
- Online Students: Live lessons will be conducted via Microsoft Teams. Visit the Canvas homepage for the link to your Team General Channel.

- You can watch my videos for homework assignments, test reviews, or lessons as they get posted on the Canvas webpage or on the YouTube Channel **Math4Fun314** (https://www.youtube.com/channel/UCOd8vKfnhJn8dWFZYuerTPA?view_as=subscriber)
- Khan academy is a great resource to practice problems.

GRADING

The county grading scaled will be used:

90-100	A	70-79	C	0-59	F
80-89	B	60-69	D		

- Grades will **not be rounded up** (i.e: a 79% will not be bumped to an 80%).
- Your work is due **at the beginning of the period** on the due date, and will be considered **late** if turned in after this time.
- **Completed late work will not receive full credit (could be as high as a 60%)**
- Only **1 copy of an assignment** will be given per student.
- To get credit, assignments must have work shown.

Grade breakdown:

- *Binder Checks* (~15%)
 - Physical binders are great for getting yourself organized, especially when you come to class
 - However, digital binders will be graded. These are online binders set up on OneNote Class Notebook.
 - **To set up OneNote Class Notebook (Digital Binder), click Class Notebook in your Canvas when you enter this course.**
 - **Any assignments that you receive should be scanned as a pdf and inserted into the correct tab on the Class Notebook** (I will give instructions on how to do this or it will be posted on Canvas)
- *Assignments* (~25%)
 - This involves work done during the class period, such as practice problems, group activities, etc.
 - Assignments, whether classwork or homework, should be submitted for all students unless directed otherwise
 - Included in assignments is a regular Class Participation grade, which takes into account whether the students are following class expectations and remain engaged in the course material. This will be 10 points. If students are not abiding by class expectations or are not engaged/working on assignments during class,
- *Assessments* (~ 60%)
 - These include tests, quizzes, midterm/final
 - Midterm OR final exam can be exempted *if* the grade and attendance requirements are met; you must get it approved by me within the appropriate deadline (your grade must be high enough *before* any extra credit to be approved for exemption by me).
 - If you're approved for exemption, you must maintain your grade and attendance status for the duration of the quarter.
 - Midterm and final exam are not district-created; I will create the midterm and final.
- *Extra Credit*
 - I recommend getting as much extra credit as possible regardless if you feel that you need it just in case a grade emergency happens.

- You have the opportunity to work on an SAT or PSAT practice test per quarter. You must show all work and post your work on Canvas. This is to earn a maximum of 5% extra credit.
- You can also complete optional Excel computer labs in order to earn a maximum of 5% extra credit. I will provide additional details on this during class or you can ask me about this opportunity.
- All extra credit opportunities will usually be due about a week before the end of the quarter.
- All extra credit is inputted towards the **end of each quarter**.

ABSENCES/MAKEUPS

Missing too much class is one of the main reasons students perform poorly in class. Please make sure you attend class regularly.

- Students are responsible for all material covered for days missed.
- Assessments will not be rescheduled due to any absences.
- **Students must get the missed assignment (s) from Canvas and submit it there. Students may also submit assignments via my email if the assignment is closed on Canvas and they are turning it in late.**
- Students will have 1 class day for each day they are absent to turn in work. The physical paper is preferred, but, if there is a problem turning in the work, you may also email the assignment.
- No work (absent or otherwise) will be accepted after the last day of the quarter.
- For students with extensive **excused** absences (greater than or equal to 1 week's worth), they should come and see me in order to plan their makeups. This is the only case in which they can have assessment dates extended; if this is not done, then I will assume the 1 day per absence rule and any quiz/test dates will not be changed.

ASSESSMENT MAKEUPS

- Students will be required to make up assessments **after school virtually or in person** soon after their return (within a week) unless there are extenuating circumstances, in which case it can be taken during class. Student should let me know when he/she can come after school to make up the assessment. **I will be available everyday Monday-Friday from 2-3:30 pm.**
- The assessment must be completed within the 1 scheduled session (it cannot be split into a couple of afterschool days, for example).
- Make ups will use an alternative form.
- Students are responsible for all information missed during absences.

HALL/BATHROOM PASSES

- I will not write passes to any classroom (or library, etc.) except for the clinic or the bathrooms on the third floor.
- Use the bathroom pass for bathrooms on the 3rd floor only!
- Limit bathroom passes to one per class period (unless there is an emergency).
- Per school policy, do not ask for passes to be written during the first or last 10 minutes of class.
- Ask for permission before leaving the room unless you are using the restroom.
- Do not come to my class with a pass from another teacher! Contact me during class period, during tutoring, or using email.

CELL PHONE & ELECTRONIC DEVICES

- All electronic devices need to be powered off and put away during class time unless directed otherwise. This includes cell phones, headphones, etc. If these devices are visible, the student will receive a detention after a warning is given.

- No charging of cell phones or any type of electronic device in the classroom at any time unless directed otherwise
- During tests, students must put their cell phone in the class bin locked away for purposes of academic honesty.
- Any use of cell phones during a test will result in a zero on the test with no chance of a retake.
- Cell phones may not be used as calculators. Calculators are required for the course.

ACADEMIC DISHONESTY

These are some circumstances which are considered academic dishonesty, although it is not a complete lists Examples include:

- Using materials that are not allowed on a quiz or test (such as cheat sheets, electronic devices, etc.)
- Copying answers from someone (this goes for **any assignment**)
- Finishing work for someone else or turning in work that someone else did.
- Collaborating with classmates on individual assignments, tests, or quizzes.
- Copying data when you did not perform the lab in class.
- Putting your name on a group assignment when you didn't contribute any work.
- Altering answers or grades on a graded paper.
- Taking papers/assignments out of class turn in bins or from teacher's desk area
- Duplicating test items, etc.

Notes about Academic Dishonesty:

- All assignments are considered individual work unless specified by teacher. This means that evidence of answers that are identical is considered academic dishonesty.
- All work must show independent thinking. This means that problems must be worked out on your own and, if wording is involved, assignments must be written in your own words. Working with someone on an assignment is different from writing down what they write on an assignment! I reserve the right to ask for explanations of your work for credit to ensure that the assignment meets the standards of academic honesty.
- Any signs of academic dishonesty will result in a zero for all parties involved (including the student who was being copied).

CLASS EXPECTATIONS

In addition to the rules in the student handbook, there are some guidelines to follow:

Guidelines for Success	Classroom Rules
Prepared for high school and life	<ul style="list-style-type: none"> ➤ Treat others the way you would like to be treated ➤ Avoid using profanity, abusive language, and put downs ➤ Keep hands, feet, and objects to yourself ➤ Take good care of school property ➤ Be in your assigned seat prior to the bell ➤ Arrive prepared to class with binder, pencil, and notebook ➤ Follow directions the first time given ➤ Refrain from sleeping in class and putting your head down
Inclusive, working together as the BCHS community	
Respectful of self, others, and the learning community	
Attitude and appropriateness, fostering positive relationships	

Tenacious, never give up	<ul style="list-style-type: none"> ➤ Follow school dress code and wear face masks at all times during class ➤ Refrain from eating and drinking in class ➤ Silence and put away all electronic devices until directed otherwise ➤ Remain in your seat at the end of the period ➤ Use an appropriate voice level at all times
Empowered and engaged, being responsible for our learning	

EXPECTATIONS/NORMS (ONLINE STUDENTS)

Because there will be online students, here are some general guidelines or norms for conduct during class:

1. **Be respectful** to EVERYONE in our class.
 - This includes turning your camera off and muting your mic during online Teams meetings unless otherwise directed
 - Avoid distracting classmates in the online chat (limit the chat to questions you have)
 - Use appropriate language at all times
2. **Be responsible** by being on time and prepared for class, and following all school and district rules.
3. Actively participate in class **EVERY DAY**.
4. Try your hardest and limit distractions which includes cellular devices.

CONSEQUENCES

Failure to meet expectations that hinder student engagement and learning will lead to the following consequences:

1st offense-Verbal Warning

2nd offense-Lunch detention-5 minutes and/or Parent contact

3rd offense-Lunch detention- 10 minutes and/or Parent contact (Online students: Removal from Teams Meeting)

4th offense-Discipline referral

TUTORING/AFTER SCHOOL HOURS

- I will be available in my classroom and virtually from 2-3:30 pm on school days unless there is some kind of emergency or I am out sick, etc.
- I will be in the **After School Tutoring Teams** with my camera on live streaming. You can click on the After School Tutoring Teams link on your Canvas course homepage if you are interested, then you can join my session and ask any questions you have in that time frame.
- Since I will be physically in the classroom, face to face students may come in during that timeframe and seek help. I will not accept students without their facemasks after school, so students must eat their lunch before coming to class for tutoring.

Probability & Statistics Honors

Mr. Soto, Room 4-316

Student Name (Print): _____ Period: _____

PARENT SURVEY

Student name (print): _____ Period: _____ Student Signature: _____

Student email: _____ Date: _____

PARENT QUESTIONS

CIRCLE WHICH ONE APPLIES MOST

I want to be contacted if my child is tardy.	YES	NO	(Only by 3 rd tardy)
I want to be contacted if my child is disruptive to other students.	YES	NO	(Only if frequent)
I want to be contacted if my child is sleeping in class.	YES	NO	(Only if frequent)
I want to be contacted if my child is not making up missed work.	YES	NO	(Only if frequent)
I typically check my child's grades on Portal	Weekly	Monthly	Rarely
The best way to contact parent/guardian is	Phone	Email	Other _____

Parent/Guardian name (print): _____

Parent/Guardian phone number: _____

Parent/Guardian e-mail: _____

Syllabus Agreement Contract

I have read Mr. Soto's course syllabus in its entirety and understand all the information contained in it. I agree to abide by the rules and procedures outlined in it. I understand the consequences if these expectations are not met.

Student Signature: _____ Date: _____

Parent Signature: _____ Date: _____

Student Information Sheet

1. Do you have any questions or concerns about the course?
 - f. Other: _____

2. What math class did you take last year? How did you do in that math class?

3. Are you taking any other math classes in addition to this class?

4. What do you plan to do after high school? Do you plan to go to college? If so, what will you be interested in studying?

5. What extracurricular activities (sports, clubs, activities, etc.) are you involved in?

6. Do you have a job? If so, where?

7. What is your favorite subject in school?

8. Which of these is the **best way** for you to learn new information? (Choose ONE)
 - a. Taking notes in class from a lecture
 - b. Reading and outlining the textbook independently
 - c. Using internet and textbook resources to complete a group project
 - d. Watching online videos
 - e. Having material explained to you one-on-one during lunch or after school
 - f. Other: _____

9. Which of these is the **best way** for you to practice math-based problem solving? (Choose ONE)
 - g. Seeing several examples in a lecture format
 - h. Solve problems on whiteboards and go over the solutions as a class
 - i. Work in pairs to solve problems on a worksheet
 - j. Work independently to solve problems and then check your answers with a key
 - k. Break up in small groups to complete a problem and each group member must explain a different step
 - l. Play a game or have a problem-solving competition
 - m. Other: _____

10. Which of these statements describes the best way for you to study for a test?
 - n. Independently in a silent room
 - o. Independently with music playing
 - p. In a small group
 - q. In a larger review session led by a teacher
 - r. Other: _____

11. Do you have a computer at home?

12. Do you have reliable internet access?

13. Do you have a phone that you can use to access online assignments, watch math videos, etc.?

14. Do you have access to Microsoft office (Word, Excel, PowerPoint) at home?

15. Do you have a quiet place to study or do homework?