

Mr. Palen
Room 226
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Algebra 3 Syllabus 2018-2019

Algebra 3 is a mathematics course that follows Algebra I, Geometry, and Algebra II. The course emphasizes statistics and financial applications, and it prepares students to use algebra, geometry, trigonometry, and discrete mathematics to model a range of situations and solve problems. This Algebra 3 class is designed to help students prepare for many non-mathematics intensive college majors. It will also serve students who might not be planning to attend college but instead enter into a workforce training program. By taking this class, students should solidify and increase mathematical knowledge and skills at and above the level of Algebra II or its equivalent. They should also deepen and enrich the ways they think about math as well as develop the real applications of math across disciplines and in practical situations. Some of the topics that we are going to be studying are:

- Analyzing information using statistical methods and probability
- Modeling change and mathematical relationships
- Mathematical decision making in finance and society
- Spatial and geometric modeling for decision making

Required Materials:

Each student should come to class prepared with a pencil, a calculator, and a binder. The same binder must be used daily for class. A notebook is not sufficient. Your math binder should not contain any other subject other than math.

Grading:

Grading for this class is a points-based system. Each assignment, quiz, etc., is given a point value. The final grade is determined by adding up all the points and comparing that number to the total possible points.

All turned in assignment grades will be available on IPASS by Sunday evening of the week the assignment was assigned at the latest.

Homework:

All homework assignments will be posted daily on our Google Classroom page. If you are wondering if there was homework, you should check the Google Classroom page.

Homework is a tool to help all students practice the skills they learned in class in a more independent setting, Homework will be assigned most nights. Often, the homework consists of

bookwork or worksheets, however other times it will be to study for an upcoming test/quiz. Written homework will be collected at the start of the next class day unless otherwise noted. Homework is expected to be completed to the best of the student's abilities with their full name and the assignment clearly written on the top of each new page. Any homework not clearly labeled may result in the student not getting credit for the assignment. There will usually be a short period of time at the start of each class to review the previous night's homework assignment. Students are expected to follow along and correct the problems we review, as this will provide clear insight to whether or not they should seek extra help.

Attendance/Participation:

Students are expected to come to class every day with their required materials. Class work will consist of note taking, classwork, open discussions, and group/individual projects. Students are expected to participate in every dynamic of the class. Some work will be collected for grading and some will be used to help students facilitate their own understanding of the material. Important note: you are never allowed to arrive to class late without a note from a teacher. Any late arrival to class will automatically cause you to receive a 15-minute teacher session after school. Failure to appear for your teacher session will result in a disciplinary referral and an official detention.

Make-Up:

Students are expected to maintain a high level of attendance at Winthrop High School (please refer to the Student Handbook). Assignments and assessments that are missed due to absences from class are expected to be made up in a timely manner. It is the responsibility of the student to complete and hand in any and all missed assignments. Any assignments not made up will result in a score of zero.

Classroom Rules:

- Arrive to class on time and prepared to work.
- No food, drinks, or hats. Cell phone use will only be permitted if you check with your teacher first, and is reserved only for school-related matters.
- If you are caught watching Netflix/Youtube or any other videos that are not explicitly assigned by either myself or another teacher, you will automatically receive a 15-minute teacher session after school.
- If you are caught playing any video games at all, you will automatically receive a 15-minute teacher session after school.
- Be attentive and quiet when either the teacher or another student is speaking.

- Respect your fellow students. Everyone in this class has different learning styles and different strengths and weaknesses. We can help each other out, but we will NEVER put down another student in the class, ever.

Extra Help:

I am available every day before school typically starting at 7:30am and after school until 2:50. If more help is needed, arrangements to stay past 2:50 can be made. I strongly, strongly encourage you to email me if you are experiencing difficulty and set up a time to meet with me (or, of course, talk to me in person). I respond to emails quickly and am available via email on the weekends as well.

IMPORTANT CODES YOU NEED:

Remind.com Signup Code - **fe82fkc**

Google Classroom Code - **gogzexc**