ALEGBRA 2, 8'th Period

Mr.Haaland   2022-2023

John Jay High School

robert.haaland@wcsdny.org

897-6700 ext. 30071

Class code, egd7bdo

ALEGBRA 2 COURSE EXPECTATIONS

Course Description: This course is an extension of the Algebra 1 curriculum. Topics that were first introduced in Algebra 1 will be built upon and applied to problems that require higher order thinking skills. Additional topics will also be introduced such as systems of linear and circle equations, rational expressions, rational, irrational and complex numbers, quadratic equations and functions, sequences and series, relations and functions, exponents and exponential functions, logarithms, an introduction to trigonometry, and trigonometric graphs, an introduction to probability and statistics. The use of graphing calculators will be incorporated to expand upon the list of topics. Algebra 2 builds a foundation of mathematics for those students going on to Pre-Calculus and/or students who are college bound. Along with many colleges, a majority of careers require a successful completion of an Algebra 2 course.

Classroom Expectations: Our classroom will be a positive learning environment where all students are welcome, valued and prepared. The foundation for our community is the execution and observation of behavior that follows John Jay's School Wide Expectations:

- **Collaborate**
- **Respect**
- **Engage**
- **Act Appropriately**
- **Manage Time Effectively**
- **Excel**

 Students are expected to follow the code of conduct at all times. Consequences for misbehavior include those listed in the code of conduct, including lunch or after school detention.

Materials: Students need to have at least a working scientific calculator with them every day in class. Graphing calculators will be used often in this course and will be provided for classroom use only. If you are interested in purchasing your own graphing calculator (which I highly suggest) I recommend the TI-84 Plus CE as it is the most user friendly. You can also download Calculate 84 on your phone.

Tips for Success:

- Come to class, attendance is extremely important.
- Do what you are asked to do, stay on top of the material.
- Participate in class, ask questions and contribute to class discussions.
- Take advantage of extra help when needed. I will be available after school for extra help. Let me know if you need to stay, and we will make the arrangements. I hope you will take advantage of this time if you are having difficulties with the material being covered in class.

Grading:

- To qualify for an advanced Regents diploma, a student must pass both the course and the Regents exam.
- Your quarterly grade will be calculated based on a total point formula. Each test, quiz or homework will be worth a predetermined number of points. Your average will be calculated by dividing the points you have earned by the total number of points available.
- The Final exam will be the common core assessment (the NY State Regents exam).
- Homework will be assigned and checked on a regular basis.
  - All assignments will be posted on google classroom.
  - Homework will usually be checked in class the day after it assigned. Sometimes I may require homework is to be submitted on google classroom. In this case it will be due by the beginning of class on the due date.
  - Homework will receive one of three grades: 2 points for full credit, 1 point for half credit and 0 points for no credit.
  - If you are absent from class, you are required to get and show me the completed assignment to get credit. If you fail to do this, you will get a zero for these assignments.
  - Late homework will not be accepted.
- A quiz will only be a few questions and will usually last for half the period or less. Some will be announced and others may not. There will be about one quiz per week
- Tests will come at the end of a unit. There will be a test given every two or three weeks.
- Any quiz or test that is missed due to absence must be made up in one week. Failure to do so will result in a grade of zero.

Student Signature_____

Parent Signature_____