NNHS Algebra 2 Core Syllabus

Instructional Coordinator: Howard Phelan; hphelan@naperville203.org

Mission
To educate students to be self-directed learners, collaborative workers, complex thinkers, quality producers, and community contributors.

Course Description
This is a second level Algebra course based on the fundamental building blocks learned in the first level Algebra course, reinforcing topics such as solving linear equations, graphing linear equations, and systems of linear equations. Other topics include factoring, exponents, radicals, properties of graphs, trigonometry, irrational numbers, imaginary numbers, exponential and logarithmic functions, probability and statistics. Classroom activities will include the use of technology to enhance understandings of the collection, representation, and interpretation of data. Algebra 2 Core is a skills focused course with problem solving elements, which prepares students for further coursework in Discrete Math and Statistics. A graphing calculator is required.

Course Learning Standards
- Linear Functions
- Systems of Equations
- Quadratic Functions
- Exponent Rules
- Polynomial Functions
- Unit Circle Trigonometry
- Sequences and Series
- Exponential Functions
- Logarithmic Functions
- Rational Functions
- Counting methods
- Probability
- Statistics/Normal Distribution

Grading:
Your course grade will reflect what you have learned, not what you have completed!

Overall Semester Grade:
Your final semester grade will be weighted as follows:

85% of the Coursework grade,
7.5% 1st quarter final exam, 7.5% 2nd quarter final exam.

The final semester grade will be rounded to the nearest percentage point.

Coursework Grade
- 90% Summative (60% tests, 30% quizzes)
- 10% Formative (Practice – at home and in class)

Grading Disbursement:
A= 90-100 B= 80-89 C= 70-79 D=60-69 F= <59

For summative coursework, any percentage earned lower than 50% will be put into the grade book as a 50%. Summative coursework that is incomplete or not turned in, formative coursework, and final exams are not eligible for the 50% minimum.
Reassessment Policy

1. Reassessments are only allowed for tests that fall under the “summative coursework” category.
2. Students are only allowed reassessments on unit tests on which they receive below 80%.
3. The maximum grade the student can get on the reassessment is an 80%.
4. The higher of the two scores will be entered in Infinite Campus.
5. The reassessment times and locations are left up to the individual teacher.
6. Students are required to complete at least 80% of the unit homework to be eligible for a reassessment.
7. Students are required to do additional practice specified by the teacher prior to their reassessment.

Link for further information  http://schools.naperville203.org/north/academicdepartments/StandardsBasedAssessment.asp

Communication

- Teachers make every effort to respond to emails and phone calls within 48 hours during the work week.
- The best way to communicate with teachers is through email; however, if you haven’t received a response in 48 hours, please resend the email or call their voicemail. Your email may have gone into the spam folder.

Help

- Make an appointment with your teacher.
- Attend S.O.S (supervised open study) in the Learning Commons M, W & Th from 3:15 to 4:15.
- Drop in for peer tutor during lunch periods or before school through the Literacy Center.

Parents or Guardians

We need your help!
- Parents should actively check Infinite Campus for their students’ grade.
  - The grades on Infinite Campus will be accurate only at Mid-Quarter and Quarter. Prior to those dates, the grade reflected is fluid.
  - Infinite Campus is a communication tool until final grade is posted.
- Please ask your student about their school work
- Check with your individual teacher for classroom procedures, schedules, and ongoing class news.