

Naperville North High School

Honors Algebra 2



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Mission

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

Course Description

This highly challenging course includes an intense treatment of all topics in Algebra 2 with additional work on permutations and combinations. Students will work exercises requiring innovative thinking, applications, and extensions of traditional Algebra 2 material. An exceptional grasp of Algebra 1 concepts is assumed as a prerequisite. A graphing calculator is required (No CAS/TI-Inspires allowed).

Course Standards

- Linear Functions
- Linear Systems
- Quadratic Functions
- Higher Degree Polynomials
- Rational Functions
- Radical Expressions
- Exponents
- Logarithmic and Exponential Functions
- Trigonometry
- Probability
- Statistics
- Sequences & Series
- Inequalities

Grading Practices

Grades communicate each student's progress toward mastery of goals/standards for the course.

- No extra credit will be issued.
- Violations of the academic integrity policy will be consequence by administration in collaboration with the DC/teacher.
- In Infinite Campus, a score of "Missing" (M) will indicate an assessment has not been turned in. The due date will be indicated as a comment in Infinite Campus. After that due date, a zero (0) will be recorded.
- **Practice/Homework:**
 - Practice work is not accepted for credit after the due date.
- **Quizzes/Tests (Evidence):**
 - Students have 5 school days to complete missing evidence. (An 'M' for Missing will be put in the gradebook and if not completed after 5 days will be changed to a 0).
 - If a legitimate attempt is made on a Quiz/Test, a score of 50% will be the lowest possible grade.
 - A zero on a Quiz/Test will only indicate that no attempt was made by the student.
 - Quizzes do not have a retake option.
 - **Reassessments:**
 - Students may earn up to 80% (on Tests) and must complete the reassessment within 5 days of the students receiving feedback, unless otherwise determined by the instructor.
 - Students must have completed at least 80% of the practice work prior to the test to be eligible.
 - Students must complete designated learning practice prior to reassessment.

Grading Disbursement

A \geq 89.5%

B \geq 79.5%

C \geq 69.5%

D \geq 59.5%

F < 59.5%

Semester Grade:

- Coursework = 85% (HW/Skills Checks =10% Tests (Evidence) =60%, Quizzes (Evidence) =30%)
- Final Exam =15%

Academic Integrity Code Statement

District 203 students are challenged to address the academic process enthusiastically, diligently, and most importantly, honestly. It is the responsibility of our students, teachers, and administration to uphold the fundamental academic values of honesty, responsibility, fairness, respect and trust. The integrity of our district's academic programs is built upon these principles.

Academic integrity violations include, but not limited to, cheating; plagiarism, self-plagiarism or copy infringement; obtaining or providing an unfair advantage; falsification of documents; unauthorized access to records; and inappropriate collaboration, whether intentional or unintentional. The classroom teacher and administration will collaborate and exercise professional judgment in determining academic integrity violations.

The use of translating devices and/or direct translation from a native speaker or tutor is strictly forbidden. You must do your own work. Remember: There is a significant difference between getting help and having something or someone else do your work for you. There are consequences both academic and non-academic for students who do not adhere to this policy. Violations will be tracked and added during your time at NNHS.

Additional Resources for Support

- Make an appointment with your teacher.
- Drop in for Peer Tutor/Math Help through the Academic Support Services
- Online Resources:
 - Digibook Algebra 1: <https://naperville203algebra1.weebly.com/>
 - Digibook Algebra 2: <https://naperville203algebra2.weebly.com/>
 - Digibook Geometry: <https://naperville203geometry.weebly.com/>
 - Canvas (notes, practice): <https://naperville.instructure.com>
 - Khan Academy Algebra 2: <https://www.khanacademy.org/math/algebra2>

Parents & Guardians/Communication

Naperville North believes in a collective partnership with parents/guardians which provides students the best opportunities for success.

Some ways parents/guardians can support their student's learning are:

- Encourage your student to speak directly with their teacher about questions or concerns.
- Actively check Infinite Campus for their student's grade.
 - Infinite Campus is a tool to monitor student progress until final course grade is posted.
 - Monthly progress grades are posted and represent the current grade of a student in the course at that moment in time.
- Discuss missing assignments, reiterate due dates, help organize folders, materials, assignment notebooks and review upcoming projects and assessments.
- Teachers make every effort to respond to parent 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 within 48 hours, please resend the email or call their voicemail. Your email may have been filtered.