



Algebra Course Description

Algebra focuses on developing mathematical fluency through the study of linear equations, inequalities, systems of equations/inequalities, quadratic functions and exponential functions. Students investigate mathematics through the use of real world problems and applications. This course emphasizes the use of analyzing data graphically, numerically, symbolically, and verbally.

Units of Study

- Algebra Prerequisites
- Solving Equations and Inequalities
- Linear Equations
- Linear Functions
- Systems of Linear Equations and Inequalities
- Exponents and Exponential Functions
- Polynomials and Factoring
- Quadratic Functions
- Solving Quadratic Equations
- Roots & Radicals

Required Materials

- 1.5 inch binder (Used only for Algebra class)
- Pencils
- Loose leaf paper or notebook
- Calculator ([TI-30XI](#) required but [TI-84](#) recommended)
- Charged Chromebook

Grades

- Term Grade (85% of Semester Grade) calculated based on:
 - Summative – 80% (Unit Assessments & Projects)
 - Formative – 20% (Formative Checks)
- Exam Grade (15% of Semester Grade)

Formative Assignments

Formative assignments will be provided daily to help students practice and master concepts. Students who complete their assignments by the next class are better prepared for continued learning throughout the unit. For this reason, formative assignments are due at the beginning of the next class period, unless otherwise specified. Assignments may be submitted, with late penalty, by the beginning of the class period on the scheduled day of the summative assessment. Formative assignments from the unit will NOT be accepted for credit after the scheduled date of the unit test.

Summative Assessments

Summative assessments will be provided as an opportunity for students to demonstrate mastery at the end of each unit. Students are expected to be prepared to demonstrate their full knowledge of the unit in its entirety on the scheduled day of the assessment. It is expected that all students complete the summative assessment on the date outlined in the course agenda regardless of absences throughout the unit, including a review day.

Summative assessments missed due to absences will be completed during the class the student returns, unless the student emails the teacher prior with an acceptable and timely make-up plan.

With each summative assessment, students who do not earn a passing grade and have averaged at least a 60% on formative assignments from that unit will be provided the opportunity to complete a proficiency assignment in a scheduled enrichment block to increase the assessment grade to 60%.

The final cumulative exam grade at the end of the semester can replace one of the student's summative grades from the semester if requested.

Absences

In the case of an absence, it is the responsibility of the student to remain up to date with coursework. To do so, the student must review the class agenda, complete missed notes and assignments independently, then schedule an Enrichment Block if extra help is needed.

Summative assessments missed due to absences will be completed during the class the student returns, unless the student emails the teacher prior with an acceptable and timely make-up plan. It is expected that all students complete the summative assessment on the date outlined in the course agenda regardless of absences throughout the unit, including a review day.

Students who are absent due to long-term absences must schedule a meeting with their teacher(s) to create a plan for recovering missed content and assignments.

Cell Phone Policy

Students may use personal communication devices (PCDs) before and after school, during their lunch break, in between classes as long as they do not create a distraction, disruption, or otherwise interfere with the educational environment, and while attending after school activities (e.g., extra-curricular activities). Use of PCDs, except those approved by a teacher or administrator, at any other time is prohibited.

Students are required to place all personal electronic devices in the storage device provided in each classroom when entering a learning space; students are NOT allowed to keep their devices on their person or in their belongings while in the classroom. If students are found to be using a device, it will be confiscated by the teacher. Failure to comply with a teacher's directive will result in a referral to administration and in-school suspension.

- **First offense:** The device will be confiscated and turned into the office. The student can pick up the device at the end of the day.
- **Second offense:** The device will be confiscated and turned into the office. The student will meet with an administrator and a parent contact will be made.
- **Third offense:** The device will be confiscated and the student's parent or guardian will be required to pick up the phone. An in-school suspension may be issued.
- **Fourth offense:** The device will be confiscated and the student's parent or guardian will be required to pick up the phone, and a cell phone management plan is put in place.
- **Additional offenses:** Repeated offenses beyond four, or a student's refusal to follow school staff directives regarding devices, will lead to additional consequences up to suspension.

Short-Term Virtual Learning Information

If Nicolet shifts to a virtual learning day because of weather or other short-term reason, we will continue our learning on Canvas. All the information that you will need for this class on a virtual learning day will be found in the announcement that will appear in our Canvas course. You must submit the work assigned for this day by 11:59 to verify your attendance, but we encourage you to begin your work early enough so that you can use the designated office hour time during the school day for any questions that you might have.

Artificial Intelligence Statement

Learning is an active process that engages students in the development of new skills and knowledge, therefore students may use AI **only when they have been given permission by their teachers and use AI to support active learning**. This permission is given with the expectation that students will use Artificial Intelligence **effectively** and **responsibly** and that it will be used to **augment** learning and not replace it. Copying and pasting of Artificial Intelligence output and presenting it as original work is considered plagiarism and constitutes a violation of the Nicolet District Academic Integrity policy. Teachers who give permission for the use of AI may require citation or other documentation and may provide additional expectations of what approved use of AI looks like in their course.

Student Manual AI Academic Integrity Statement

Nicolet High School commits itself to excellence and equity by intentionally engaging students in achieving personal success and contributing to the local and global economy. Academic integrity is vital to this commitment. Therefore, student work must be the student's own and completed in accordance with the District's academic integrity expectations. Students may not engage in **unauthorized** collaboration with or utilize ChatGPT or additional Artificial Intelligence (AI) tools. Students MUST obtain permission from their TEACHER before using an artificial intelligence (AI) tool for coursework. Using AI tools without permission is viewed as a violation of the District's Academic Integrity Policy.

We are here to support you. Please reach out to any member of the Algebra team if you have any questions.

The Algebra Team

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