

2024-2025 Honors Algebra I Course Overview

Teacher: Ms. Groves (pgroves@brunswick.k12.me.us)

Course content:

- **This is the most challenging Algebra I course offered at BHS and is designed for the accelerated math student who is self- motivated and has very strong study habits. Students who take this course are assumed to have mastered pre-algebra concepts.**
- The topics covered are: properties of real numbers; writing and evaluating algebraic expressions; solving linear equations and inequalities; graphing linear functions; solving and graphing systems of linear functions; graphing systems of inequalities; solving and graphing quadratic functions; applying rules of exponents; simplifying polynomials; factoring; simplifying radical expressions; simplify rational expressions, solving rational equations.
- **Technology and real-world problem will be included throughout this course.**

Syllabus is provided with the chapters and standards covered with approximate test dates

- This schedule is tentative due to snow/late start days, testing, class meetings, extra practice needed, etc.

Classroom Expectations

1. You are expected to be **on time, be prepared** with all supplies (COVERED book, binder, graphing calculator, pencil), homework, and **be attentive** during class.
2. You are expected to treat EVERYONE in the class with the same attitude of respect you expect to be treated. This includes the language you use, the attitude you bring to class, and the way you respond when asked to do something in class.
3. You are expected to approach this course with the rigor necessary to aspire to College-level courses.
4. You are expected to laugh, have fun and enjoy learning Algebra I ☺

Algebra 1 covers 3 Graduation Standards. Each of these Standards are broken down into sub-standards:

Numbers and Quantity (NAQ) – 3 sub-standards

Algebra (ALG) – 6 sub-standards

Functions (FUNC) – 7 sub-standards

- Honors Algebra 1 Students will strive for exceeds for each sub-standard.

Materials for Class

1. **CALCULATOR** – Every student taking Honors Algebra I is expected to have a TI84+ graphing calculator. If you do not want to purchase your own, there are a limited number of calculators that may be borrowed for the school year from the library on a first come basis.
2. Textbook – **Must be covered at ALL times!!**
3. Pencil – **Work completed in pen will NOT be accepted.**
4. Binder (at least 1½ in.) with 5 notebook tabs.
5. Please try to use loose leaf notebook (not spiral) paper for homework. Thank you ☺

Help

- ☐ I am here to help you☺. Please email me questions and see me in Flex to get help.
- ☐ See my web site (<http://www.brunswick.k12.me.us/pgroves/>) for assignments, notes, HW answers, and study guides.

Absences:

- ❑ **Field Trips, Sports Dismissals, Personal Dismissals, etc.** – For these absences, you are expected to get the work ahead of time; complete assignments and take assessment as scheduled. For any exceptions, you need to contact me prior to the planned absence to make alternative arrangements.
- ❑ **Absences (1 class period)**– For these absences, honors students are expected to complete assignments and take assessments as scheduled. Email me immediately (prior to class) to make alternative arrangements, if needed.
- ❑ **Absences (2+ class period)**– For these absences, you are expected to complete the assigned work and assessments within 1 week of your return to school. Email me the day you return to school to let me know your plans for making your work and assessments; or request to set up a meeting to discuss a plan for due dates for assignments and assessment.

Grading:

- ❑ **Habits of Work (HOW) 10%**
 - a) **Homework:** Homework will be assigned every class. Expect at least 1-hour of homework(HW) after each class.
 - **Homework Grading:**
 - I grade homework on quality and not correctness.
 - You must clearly show all of your work to receive full credit.
 - HW must be well organized and easy to read.
 - You are responsible for checking your own answers from either the back of the book (odd problems) or my web site for worksheets prior to class; and come to class with questions for us to review at the beginning of class.
 - **Grading Method 1:** $\sqrt{+}$ (100%); $\sqrt{}$ (90%); $\sqrt{-}$ (70%); NW/NC (10%)
 - **Grading Method 2:** completed (no grade assigned) or missing (zero)
 - **Late homework:** minus 20 points per school day late; **late HW is not accepted after the chapter test is given.**
 - **HW Headings Required:** Full name, date, and section number at the top right or left corner of your HW.
 - b) **Binder** A well-organized notebook will help you develop good study skills, provide sample problems to do HW as well as study for tests, midterm and final exams.
 - **How to Organize Your Notebook**
 - Place this Course Overview and Syllabus documents first in your binder.
 - Label 5 Tabs and organize each tab by section number (or date).
①Notes ②Homework/Classwork ③Tests/Quizzes ④Standards ⑤Study Tips
 - **Grading:** Binders will be collected regularly and graded for organization
 - **When can you clean out your Notebook?** After each Chapter Test, you may remove classwork, homework, quizzes, and notebook tests.
- ❑ **Tests/Quizzes 90%**
 - All Tests(Ts) will be announced at least 1 week in advance
 - **Traditional Tests and Quizzes** – There are NO Makeups for these assessments.