



Algebra I Honors (2025-2026)

Instructor:	Lilly Anderson	Course:	Algebra I Honors (#1200320)
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Office Hours:	M T W Th 3pm - 4pm in Green-133 (and by appointment)		

*** Please review the [2025-2026 Code of Student Conduct](#) information linked [here](#)***

Course Description

In Algebra I Honors, instruction will emphasize five areas of study:

- performing operations with polynomials and radicals, and extending the Laws of Exponents to include rational exponents
- extending understanding of functions to linear, exponential, and quadratic functions and using them to model and analyze real-world relationships
- solving systems of linear equations and inequalities in two variables and quadratic equations in one variable
- building functions, identifying their key features, and representing them in various ways
- representing and interpreting categorical and numerical data with one and two variables

Course Grades & Assessments

- Algebra I is a year-long high school course that meets daily. Students will receive high school course credit for successfully completing the course with a passing grade of “Beginning” (D) or higher. Please note that these grades affect students’ high school grade-point averages.
 - Students will receive a letter grade for Semester 1 in December and for Semester 2 in May. If your Semester 2 letter grade is higher than Semester 1, the Semester 1 grade will be replaced with the Semester 2 letter grade (if the Semester 2 grade is the same or lower, then both grades will remain unchanged).
- At the end of the year, all Algebra I students in the state of Florida are required to take the Algebra I End-of-Course Exam (EOC). Students must receive a passing score of 3 or higher to matriculate on to high school math.
 - After students receive their EOC scores, each students’ score will be factored in as 30% of their course average for both Semesters 1 & 2 by the registrar’s office.



Algebra I Honors (2025-2026)

Goals & Standards

This course is designed to satisfy the Florida's Standards and Course Level Expectations which can be viewed on the [C-Palms website](#). Curricular content for all subjects will integrate critical thinking, problem solving, and workforce-literacy skills; communication, reading, and writing skills; mathematics skills; collaboration skills; contextual and applied learning skills; technology literacy skills; information and media literacy skills; and civic engagement skills.

Course Resources

- Texts: MathNation (available upon request)
- Class Notes & Assignment Answer Keys: made available daily on Canvas
- Online Resources: IXL, Desmos
- Supplemental Materials: [Instructional Materials 2025-2026 - Algebra 1 Honors](#)

Course Schedule - subject to change throughout the year at the discretion of the teacher

Unit		Assessments
Semester 1	Unit 1: Solving Linear Equations	Formative - Unit 1 Quiz, Unit 1 IXL Summative - Unit 1 Test
	Unit 2: Solving Linear Inequalities	Formative - Unit 2 Quiz, Unit 2 IXL Summative - Unit 2 Test
	Unit 3: Graphing Linear Equations	Formative - Unit 3 Quiz, Unit 3 IXL Summative - Unit 3 Test
	Unit 4: Writing Linear Functions	Formative - Unit 4 Quiz, Unit 4 IXL Summative - Unit 4 Test
	Unit 5: Solving Systems of Linear Equations	Formative - Unit 5 Quiz, Unit 5 IXL Summative - Unit 5 Test



Algebra I Honors (2025-2026)

Unit		Assessments
Semester 2	Unit 6: Exponential Functions	Formative - Unit 6 Quiz, Unit 6 IXL Summative - Unit 6 Test
	Unit 7: Polynomial Equations & Factoring	Formative - Unit 7 Quiz, Unit 7 IXL Summative - Unit 7 Test
	Unit 8: Graphing Quadratic Functions	Formative - Unit 8 Quiz, Unit 8 IXL Summative - Unit 8 Test
	Unit 9: Solving Quadratic Equations	Formative - Unit 9 Quiz, Unit 9 IXL Summative - Unit 9 Test
	Unit 10: Data Analysis and Displays	Summative - Unit 10 Project

Supplies & Procedures

- Required Materials - *must bring to every class*
 - Pencils and erasers
 - 3-ring binder (1 or 1½-inch)
 - ***Charged*** Chromebook
- Recommended Supplies - these will be provided to all students but you may want your own
 - Colored pens/pencils/highlighters
 - Ruler or straight-edge
 - Loose leaf paper
 - Dry erase marker(s)
 - TI-30xa scientific calculator (solar) - calculators available to everyone in class daily
- Classwork & Homework - Students will be provided with time in class daily to complete assignments. If assignments are not completed during class time, it is the responsibility of the *student* to find time outside of class to complete them before the due date. Designated homework assignments may be given at the teacher's discretion.
- Specific classroom procedures will be communicated to students in class.



Algebra I Honors (2025-2026)

General Expectations: 4R's

See the [Student Code of Conduct](#) for more details

- Responsible: Students must attend and be on time to class.
- Respectful: Students must show respect for each other and the classroom/school space.
- Resilient: Students are willing to take on challenges and use skills to overcome them.
- Ready: Students are prepared to work and learn everyday.

Communication Protocols

- **Students** can communicate with me by sending me a message through **Canvas**
- **Families** can communicate with me by **emailing** me at landerson@pky.ufl.edu

Late Work Policies

- All assignments, including missing assignments ***must be submitted or made up before the end of a unit***. All missing grades will be entered as a "0" in the gradebook until they have been made up. **Any work submitted after the unit summative (test) will not be accepted.**
- Late submissions of Habits of Work assignments (practice assignments) may be subject to point deductions. Habits of Work assignments will not be accepted after the unit ends.
- IXL grades will be finalized at the end of the unit.
- Any make-up Formative or Summative assessments (quizzes/tests/etc.) will *not* be subject to point deductions for late submission but may be changed from the original assessment to protect academic integrity.
 - **Make Up Policies:** It is the responsibility of the *student* to seek opportunities to make up for missing work/assessments. Make-up opportunities will be scheduled upon student request at the teacher's discretion.
- **Class Absences/Tardies:** It is the responsibility of the *student* to visit the class Canvas page to review and complete all material from the date(s) you missed. Help sessions are hosted during office hours or can be requested as needed. Please see the school's official absence/tardy policy on the P. K. Yonge website for more details.



Algebra I Honors (2025-2026)

Electronic Device Policy at P. K. Yonge

Students must come to class every day with their **charged** Chromebook. During class, the Chromebook should be used **only** to participate in the class. Students should **not** have personal electronic devices out during class at any time for any purpose, unless instructed to do so. Students should not access instructional materials or complete assignments on personal devices during school hours.

Students may possess a wireless communication device (including but not limited to cell phones, wireless/bluetooth headphones, and smart watches) on school property or while attending a school function, but they are **not allowed to use it at any time during the school day from the start of the instructional day to the end of the instructional day (8:30am - 3:00pm for 8th grade)** per the State of Florida. Violations of this policy will result in disciplinary action. PK will provide access to telephones for students who need to contact families during times when they are prohibited from using their personal device.

Grading Policy & Assessments

P.K. Yonge's Grading and Credit system is based on our shared beliefs about the purpose of assessment:

- Students should have a clear understanding and shared ownership of learning goals
- Grades should communicate what students know and are capable of within and across disciplines
- Students should have multiple opportunities to practice, receive feedback, and demonstrate their knowledge and skills
- It is critical for students to develop productive habits of work alongside content and skill development

Assignment Type	Examples - Algebra I*	% of Grade
Habits of Work	Practice Assignments	5%
Formative	Quizzes, IXL	20%
Summative	Tests, Mastery Tests	75%

*Course assignments include but are not limited to those listed in the table above



Algebra I Honors (2025-2026)

The chart below outlines the relationship between numerical grades, letter grades, mastery-language, and credit within our mastery-based system:

Mastery-Language	Range (4-point grade system)	Meets Standard Course Credit Earned
Mastery (A)	3.51 - 4.0	GPA Point 4
Proficient (B)	3.01 - 3.5	GPA Point 3
Approaching (C)	2.51 - 3	GPA Point 2
Beginning (D)	2.01 - 2.5	GPA Point 1
Not Meeting (F)	.01 - 2.0	<i>No Course Credit</i>
No Evidence	0	No Course Credit

Academic Dishonesty at P. K. Yonge

It is expected that the work you submit in this and all of your courses is your own original work, or if not, contains full acknowledgment of borrowed sources. The following instances are academically dishonest:

- Using or providing any unauthorized assistance on practice assignments or assessments
- Using any unauthorized technologies during class or when completing assignments (including PhotoMath, ChatGPT, or other AI tools)

Any academic dishonesty will result in the *failure of that assignment as the minimum consequence*; other consequences range from failure of the course to academic probation to dismissal from P.K. Yonge.

ALL instances of academic dishonesty will be reported to the student's counselor and P.K. Yonge Administration.

Disclaimer

This syllabus is considered a live document and is therefore subject to change at the teacher's discretion throughout the semester. If you have any questions, contact me at landerson@pky.ufl.edu.