

Algebra I Course Syllabus

Course Information

- **Course Title:** Algebra I
- **Grade Level:** Adult Learners (High School Credit)
- **Instructor:** Alexandra "Aly" Hatfield
- **Email:** ahatfield@goodwillvalleys.com
- **Office Hours:** Fridays, 10:00 AM - 12:00 PM
- **Class Location:** Room 11
- **Term/Semester:** Term 1 (Part A) & Term 2 (Part B) 2025-2026

Course Description

Welcome to Algebra I! This course is specifically designed for adult learners (ages 21+) who are completing their high school credit requirement. The course is 16 weeks in length, divided into two 8-week parts (Part A and Part B). Our focus is on building a strong understanding of algebraic concepts through clear explanations, hands-on problem-solving, and targeted practice. A key goal of this class is to gain math confidence and prepare you to successfully pass the Virginia SOL State Exam. Each class will begin with a warm-up, followed by guided notes and collaborative practice time.

Required Materials & Resources

Physical Materials:

- Notebook or binder with paper
- Pencils and erasers
- Ruler and protractor

Technology Tools:

- Access to a laptop
- Desmos Calculator: A free online graphing calculator that we will use regularly.
- Class Website: ahatmath.com
- Online Practice Tools: IXL, DeltaMath, Brilliant, CK-12, MyOpenMath, Mathplanet

Course Outline & Pacing (Tentative)

The course is divided into two parts. Part A will be completed in Term 1, and Part B will be completed in Term 2.

Unit / Topic	Key Concepts	Estimated Dates
Part A: Term 1	(August 25 - October 17)	
Unit 1	Algebraic Expressions & Evaluation	Aug 25 - Aug 28
Unit 2	Polynomial Operations	Sep 1 - Sep 4
Unit 3	Factoring Polynomials	Sep 8 - Sep 11
Unit 4	Polynomial Division & Quadratic Forms	Sep 15 - Sep 18
Unit 5	Radical Expressions	Sep 22 - Sep 25
Unit 6	Linear Equations & Literal Equations	Sep 29 - Oct 2
Unit 7	Linear Inequalities	Oct 6 - Oct 9
Part B: Term 2	(October 27 - December 19)	
Unit 8	Systems of Equations	Oct 27 - Oct 30
Unit 9	Systems of Inequalities	Nov 3 - Nov 6
Unit 10	Linear Functions	Nov 10 - Nov 13
Unit 11	Function Types & Comparisons	Nov 17 - Nov 20
Unit 12	Quadratic Functions	Dec 1 - Dec 4
Unit 13	Exponential Functions	Dec 8 - Dec 11
Unit 14	Bivariate Data	Dec 15 - Dec 18

SOL Exam	Review and Final Exam	TBD
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Grading Policy

Category	Weight
Guided Notes	30%
In-Class Problem Practice	30%
Quizzes & Tests	20%
SOL Practice Exams	20%

Grading Scale:

- **A:** 90-100%
- **B:** 80-89%
- **C:** 70-79%
- **D:** 60-69%
- **F:** Below 60%

Class Expectations & Norms

To foster a positive and productive learning environment, all students are expected to:

1. **Be respectful:** To yourself, your peers, and the learning environment.
2. **Come prepared:** Bring all required materials and be ready to engage.
3. **Follow directions:** For all activities, assignments, and assessments.
4. **Stay engaged:** Participate actively in lessons and practice time.
5. **Use technology appropriately:** Laptops and devices should only be used for class-related work.
6. **Try your best:** Don't be afraid to ask for help and use the support systems available.

Assessment & Feedback

- **Late Work:** Late assignments will be accepted within one week of the original due date for partial credit (up to 90%).
- **Make-Up Work:** If you are absent, it is your responsibility to check with me for any missed notes or assignments. Make-up tests and quizzes must be scheduled with me as soon as you return.

- **Feedback:** Feedback on assignments and assessments will be provided in a timely manner to help you track your progress.

Communication

- **Best way to contact me:** The best way to reach me is via email at ahatfield@goodwillvalleys.com.
- **Response time:** I will respond to emails within 24 hours during the school week (Monday-Thursday).
- **Extra Help:** Additional tutoring or one-on-one help is available during office hours or by appointment. Please don't hesitate to talk with me if you feel you need extra support.

Support and Accommodations

This class welcomes all learners, and my goal is to help everyone succeed. If you have documented accommodations or specific learning needs, please share them with me as soon as possible so we can work together to ensure your success.

Acknowledgment

I have read and understand the syllabus for this course.

Student Name: _____

Signature: _____ **Date:** _____