

2026-2027 ATYP Algebra I Syllabus

Instructor: Tina Tribu	Class Time: Tuesdays, 1:20 – 3:50 pm
E-mail: Coming Soon	Phone: Coming Soon

Welcome to Algebra I

Get ready for an exciting year of uncovering the "flow of reasoning" behind mathematics. In this course, we won't just find answers; we will explore the properties and operations that make math work.

A Typical Class Period

The procedure varies but will definitely cover:

- Getting-started problems: based on the previous homework assignment.
- Discussions & Activities on new topics.
- 10-Minute Break.
- Going over homework problems that students find difficult.
 - If you have difficulty with more than three questions, you should reach out for help: attend tutoring sessions or email Mrs. Tribu during the week so we can get the questions resolved before class starts.
- If time permits;
 - Corrections on graded homework.
 - Start homework.
 - Knowledge Checks/Quiz.

Essential Supplies

To be fully prepared for our weekly adventures, please bring the following:

- Textbook: *Algebra I, Prentice Hall Mathematics* (provided).
- The "Brain" (Calculator): A TI-84 graphing calculator is our primary tool for investigating functions and carrying out statistical procedures.
- The "Canvas" (Paper): College-lined or Graphed paper (4 squares per inch is required for all graphs to ensure accuracy). You may also benefit from keeping two notebooks—one for class notes and one for homework.
- Writing Tools: Always use a pencil and eraser because mistakes are just part of the learning process!. A ruler is a must-have for those perfectly straight lines.

The Path to Mastery (Homework & Expectations)

Mastery comes from practice. Expect to spend about one hour every day on your algebra journey.

- Check out the full Algebra I Homework Schedule for a comprehensive list of problems and due dates.
 - Weekly homework assignments will be posted in ELearning.

- **Show Your Work:** A correct answer is only half the battle. To earn full credit, you must show all steps and the logical flow used to reach your final answer. Always circle, box, or highlight your final answer.
 - Students should be asking: What properties allow me to do that? What operations do I use? Is the answer reasonable?
- **Stay Organized:**
 - Your Name and Week Number must be on the top right of your homework.
 - Homework pages must be stapled **before** you come to class.
 - Label each section clearly, start each problem with its number in the margin, and keep your work legible.
 - 10 points will be deducted for not following directions.
- **Turn in On Time:** Homework will be turned in each week as you walk into class.
 - Late homework will only be accepted the following week it was due with a 20% deduction.
- **Corrections are Key:** We encourage you to take risks! If you miss points, you can turn in corrections on a separate sheet the following week to earn points back and improve your understanding. The correction sheets must be stapled to the original homework sheets.
- **Attendance is Important:** being absent for one ATYP class is the equivalent of missing an entire week of your home school. Experience has shown that skipping a week proves to have a negative effect on students' overall class performance and final grade.
- **AI (ChatGPT, Gemini, Copilot, Claude...)** should not be used to solve problems or complete assignments, since it will not be available during tests and can interfere with developing your own problem-solving skills. If you feel completely stuck, it may be a starting point, but you are responsible for the work, comprehension, and the final answer.
 - A better resource is reaching out for help from tutors or Mrs. Tribu. See the Homework Help section in e-learning.

Exams

- The first two exams are written by the instructor.
 - Each Exam grade is weighted equally with the average of the previous six homework assignment grades.
- The Final Exam is the Michigan Standardized Exam covering all Algebra I content.

Grading, Feedback, & Scale

- **Grading:** Homework will be graded each week with feedback provided.
 - Most weeks, a selection of the problems will be graded. Graded problems may span all three sections (As, Bs, and Cs).
 - Feedback will focus on specific errors or hints on what needs to be corrected.
- Your grade is a reflection of your hard work on both homework and exams.
 - A: 90–100%
 - AB/BA: 80–89%
 - B: 70–79%
 - C/CB: 60–69%

- NC: Below 60%

Note: Maintaining a homework average of 60-65% or higher is vital for success in the program.

What We Will Explore

We will dive into a wide variety of topics, including:

- Solving Equations & Inequalities
- The "Family of Functions": Linear, Absolute Value, Exponential, Quadratic, and more
- Statistics & Probability: Learning about mean, median, mode, and permutations
- Number Patterns: Sequences and variations

Mrs. Tribu's Tips for Success

1. Take Great Notes: Document examples during class to use as a reference later.
2. Read for understanding and work through the textbook lessons and examples.
3. Start Early: Begin your homework as soon as possible after Tuesday's class while the concepts are fresh.
4. Every problem assigned should be completed. Do not give up on a difficult problem.
5. Collaborate: Form a study group with your peers or reach out if you get stuck on a difficult problem. Tutoring is available virtually and face-to-face.
6. Pace Yourself: Don't procrastinate! Doing a little bit each day is much more effective than a marathon session the night before class.
7. Communication is Key: Email Mrs. Tribu with questions, when you will be late to class, or if you miss a class.

I am looking forward to a fantastic year of growth and discovery with you!