Algebra 1 Part 1, Fall 2025
(Part 2 will be offered in Spring 2026)

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TO REGISTER: https://xumath.org

WHEN, WHERE AND HOW MUCH?
Term: Aug 23, 2025 – Jan 3, 2026
In-Person (at PolyEducation) and Virtual (live zoom) Lecture: 7-9:00pm (CT), Sat
Homework Solving Video: Wed, posted after homework due time
In-Person Address: PolyEducation, 4116 W Spring Creek Parkway, Suite C500, Plano, TX 75024
Format:
- 20 2-hour in-person or live zoom lectures + 20 1-hour homework solving video
- 18 homework assignments (to be graded) + 2 take-home exams (to be graded)
- Lecture video of a class

Note: A student can request the video of a class if the class has to be missed.
Tuition: $940 (register by July 13, 2025), **$970** (register after July 13, 2025)

WHO TEACHES?
Dr. Sheng Xu: Associate professor of math at Southern Methodist University
- Received Ph.D. from Cornell and did post-doc at Princeton and Cornell;
- Taught 12 different undergraduate and graduate math courses at SMU in past 19 years;
- Received Betty McKnight Speairs Endowed Teaching Excellence Award
- Recommended by K12 students and parents in anonymous testimonials on https://xumath.org/testimonial/
- Published an undergraduate textbook *Introduction to Scientific Computing with Matlab and Python Tutorials,* Taylor Francis, 2022

COURSE INFO
Syllabus, Sample Notes and Videos: https://xumath.org
Required Textbooks:
- **[1]** Customized notes by Prof. Xu with reference to various books (available before each class)
- **[2]** Ron Larson et al., *McDougal Littell Algebra 1: Applications, Equations and Graphs*, 2001st Edition: fundamental homework problems from this book

References:
- **[3]** R. Rusczyk and M. Crawford, The art of Problem Solving (AoPS) Introduction to Algebra: optional challenging problems mainly from this book

SCHEDULE