

MATHEMATICS · 1.0 CREDIT · FULL YEAR

MATH 100 Algebra I

Lessons are problem-based, so students explore first, argue about strategies and then name the mathematics. Students are placed where they are ready and move up one course at a time.

CREDIT	1.0 credit, about 120 hours of work over the year
COUNTS TOWARD	Math
OPEN TO	By placement
PREREQUISITE	Placement test (or readiness work first)
HONORS	Honors available
LIVE SESSIONS	Twice a week: one lecture and one workshop, held Monday to Thursday within the 9:00 AM–3:00 PM ET school day. Live sessions are recorded for students who can't attend live.

ABOUT THE COURSE

Linear, exponential and quadratic functions, systems, one- and two-variable statistics and modeling, using Illustrative Mathematics Algebra 1. Students build a community modeling project with real local data.

WHAT THE YEAR COVERS

- Linear functions
- Exponential functions
- Quadratic functions
- Systems
- One- and two-variable statistics
- Modeling

MAJOR WORK

- Problem-based lessons and workshop problems
- A community modeling project with real local data

HOW THE COURSE WORKS

The course runs from March 1, 2027 to February 2028 in Cycles of two to three weeks. Between live sessions, students work through self-paced lessons and assignments on Abule's learning platform.

Courses are graded A–F. AI tools (chatbots and AI writing, translation, problem-solving and image tools) are not allowed on graded work; ordinary tools educators assign, such as spell-check and calculators, are fine.

Questions about this course? Email info@abule.education.