

College Algebra

Last Updated: Mon, 07/28/2025

Course prefix: Math

Course number: 1111

Section: A1

CRN (you may add up to five):

90509

Instructor First Name: Stephanie

Instructor Last Name: Reikes

Semester: Fall

Academic year: 2025

Course description:

MATH 1111 provides an in-depth study of the properties of algebraic, exponential, and logarithmic functions as needed for pre-calculus and calculus. Emphasis is on using algebraic and graphical techniques for solving problems involving linear, quadratic, rational, polynomial, exponential, and logarithmic functions.

Course learning outcomes:

As a result of completing this course, students will be able to:

1. Interpret numerical, analytical and graphical approaches to solution of problems that can be expressed algebraically.
2. Solve linear, quadratic, exponential, and logarithmic equations.
3. Develop mathematical knowledge for real world problems.

Required course materials:

Canvas (*required*)

Grading policy:

Your final grade will be computed as follows:

Welcome Module 1%

Knowledge Checks 3%

Canvas Quizzes 3%

Canvas Practice Exams 3%

In-Person Quizzes 7%

Exams 65% (13% each)

Final Exam 18%

The standard 10-point scale will be used to assign letter grades, but the cut-offs may be lowered to arrive at a standard distribution for the course:

A: [90%, 100%]; **B:** [80%, 90%); **C:** [70%, 80%); **D:** [60%, 70%); **F:** [0, 60%)

Attendance policy:

You are expected to come prepared and actively participate in every class session. In the event of an absence, you are responsible for all missed materials and any additional announcements or schedule changes given in class. The instructor is not responsible for re-teaching missed information. Students should refer to the class calendar to know what information was covered while they were not in class. Students are advised to get contact information from a fellow classmate who they can contact if they need to get copies of notes.

Students who are absent because of participation in approved Institute activities (such as field trips, professional conferences, and athletic events) will be permitted to make up the work missed during their absences. Approval of such activities will be granted by the Student Academic and Financial Affairs Committee of the Academic Senate, and statements of the approved absence may be obtained from the Office of the Registrar.

In the event of a medical emergency or an illness that is severe enough to require medical attention, students are responsible for contacting the Office of the Vice President and Dean of Students (Division of Student Life) as soon as possible to report the medical issue or emergency, providing dated documentation from a medical professional and requesting assistance in notifying their instructors.

More information can be found at <http://www.catalog.gatech.edu/rules/4/>

Academic honesty/integrity statement:

Students are expected to maintain the highest standards of academic integrity. All work submitted must be original and properly cited. Plagiarism, cheating, or any form of academic dishonesty will result in immediate consequences as outlined in the university's academic integrity policy.