

Intermediate Algebra

MATH 0303.006 – Fall 2026

Instructor Information

Instructor: Fara Meza

Office: RBN 4049

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Class Time: Tuesday, Thursday 12:30 – 1:50 PM

Classroom: RBN 4024

Office Hours:

- Tuesday & Thursday: 11:00 AM – 12:00 PM
 - Wednesday: 8:50 – 9:50 AM
 - Other times by appointment
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Course Description

This course is a study of the real number system, fractions, decimals, absolute values, percentages, proportional reasoning, signed numbers, linear equations and inequalities, algebraic expressions, and functions.

Course Prerequisite

TSI-liable in Mathematics.

Student Learning Outcomes

Upon completion of this course, students will be able to: - Perform arithmetic operations with real numbers and represent them on the real number line. - Simplify algebraic expressions using properties of real numbers. - Solve and graph linear equations and inequalities. - Find equations of lines and analyze linear relationships. - Evaluate and graph functions and interpret their behavior. - Simplify expressions involving exponents and radicals. - Simplify and factor polynomial and rational expressions.

Course Evaluation and Credit

This is a **non-credit-bearing course**. To receive credit for MATH 0303, students must pass the Intermediate Algebra exam with a score of **70% or higher**.

Course Structure

MATH 0303 is taught in **three instructional cycles**.

- After each cycle, students will take an exam.
 - A score of **70% or higher** completes the course.
 - Students who do not pass will repeat the cycle and retake a new exam.
 - Each student has **up to three opportunities** to earn credit.
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Important Dates and Exam Schedule

Date	Event
August 24	First 5-week cycle begins
September 07	Labor Day Holiday
February 11	Exam 1 (1st attempt – mandatory)
February 16	Second cycle begins (for students not passing Exam 1)
March 9–13	Spring Break
March 25	Exam 2 (2nd attempt)
March 30	Third cycle begins (for students not passing Exam 2)
April 24	Exam 3 (3rd attempt)

Attendance

Regular attendance is essential for success in this course. Students are expected to attend every class session.

Course Materials and Calculator Policy

- **No calculators are allowed** in this course.
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Course Topics

The following topics are covered during each instructional cycle:

1. Real numbers and basic operations
 2. The real number line
 3. Order of operations
 4. Percentages and decimals
 5. Fractions and operations with fractions
 6. Linear equations, slope, and graphs
 7. Midpoint, distance, and slope
 8. Parallel and perpendicular lines
 9. Solving linear equations
 10. Absolute value equations
 11. Linear inequalities
 12. Polynomial operations
 13. Factoring
 14. Solving quadratic equations
 15. Exponents and radicals
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Classroom Policies

Students are expected to be respectful and professional at all times. - Silence cell phones and electronic devices. - Avoid unnecessary talking and distractions. - Arrive on time and remain for the entire class period.

Artificial Intelligence Policy

The use of **artificial intelligence tools (including ChatGPT)** is **not permitted** in this course.

All submitted work must be the student's own. Use of AI tools at any stage of the work process, including brainstorming, constitutes a violation of UT Tyler's Honor Code and academic honesty policies.

University Policies

For official university policies regarding Students' Rights and Responsibilities, Grade Replacement/Forgiveness, Course Drop Policy, Disability Services, Religious Observances, University-Sponsored Activities, and FERPA, please see:
<http://www.uttyler.edu/academicaffairs/files/syllabuspolicy.pdf>