

Math 0303: Intermediate Algebra Spring 2023

Instructor: Rajat Gupta

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Class Schedule: Class meets Tuesday and Thursday at 9:30 am -10:50 am in RBN 4025.

Course Website: You MUST activate your Canvas account. To do so, go to <https://www.uttyler.edu/canvas>. This is also the address to login. If you are registered in the course, you already have access to the course. Important documents will be posted on Canvas. Additionally, announcements may be made via email, so you must regularly check your uttyler email.

Office Hours: TR 11:00-1:30 in RBN 4038.

Course Description: A study of the real number system, fractions, decimals, absolute values, percentages, comparisons, proportional reasoning, signed numbers, solving linear equations and inequalities, and simplifying expressions and functions.

Course Prerequisites: TSI score of 335-350. Co-requisite with MATH 1342.

Student Learning Outcomes: Upon completion of this course, students should be able to do the following:

1. Demonstrate an understanding of the real number system by doing arithmetic with real numbers, graphing numbers on the real number line, simplifying algebraic expressions using properties of real numbers, and by constructing algebraic expressions.
2. Solve linear equations and inequalities, find equations of lines, and graph linear equations and inequalities.
3. Evaluate and graph functions and be able to analyze the graph of a function.
4. Demonstrate knowledge of exponent and radical rules by simplifying and rewriting algebraic expressions involving exponents and radicals.
5. Simplify and factor algebraic expressions involving polynomials and rational functions.

Grading: To assign your grade, I will average your homework, the midterm, and the final as follows.

Attendance: 5%

Homework: 20%

Quizzes: 10%

Midterms: 20% each

Final Exam: 25%

Getting an A requires at least a 90% average, B 80%, C 70%, and D 60%. Anything lower is an F.

Attendance: At the start of class, I will take attendance. If you do not show up during class, I will mark you absent for that day.

Homework: Every few days, you will receive a homework assignment which you will have one week to complete. If you finish an assignment late, you will receive a 10% penalty for each day after the due date. If you have a scheduling conflict and cannot turn it in on time, please inform me beforehand.

All homework will be on Canvas.

Quizzes: At the start of class each Tuesday, we will have a 10-minute quiz on what we covered the previous week. The best five will be considered for the grading.

Exams: We will have two midterms.

Calculators and cell phones will not be allowed on the midterms or final exam. If you are unable to take a midterm or the final at the given date, please inform me at least one week in advance. If it is for a UT Tyler obligation or a religious observation, I will grant it.

Final Exam: The final exam is currently scheduled for Thursday, April 27 from 9:30 am to 11:30 am in RBN 4025.

Cell Phones: Cell phones are not permitted in class. Please silence them beforehand.

Calculators: The use of calculators and other electronic devices, including cell phones, during exams is strictly prohibited.

Academic Integrity: Your work must be your own. Violations will be processed according to the established guidelines of the department, college, and university. Violations of academic integrity include, but are not limited to, cheating, fabrication, or plagiarizing. A range of academic sanctions may be taken against a student who engages in academic dishonesty. Below are ideas related to academic integrity.

Resources you are encouraged to utilize in this course include the textbook, assigned and unassigned problems, notes from class, the Math Learning Center, your instructor, and the other students (though your work must ultimately be your own). E-mail is the best way to contact me outside of class and office hours.

While the internet is a valuable resource, using it to unethically acquire answers is considered a violation of academic integrity and processed accordingly. Similarly, copying answers from other students' assignments, past and present, violates the idea that your work must be your own.

Cheating is a very serious issue and can result in disciplinary action. While you may collaborate with your peers, you cannot copy their work.

University Policies: January 23 is this semester's Census Date, the deadline for all registrations, schedule changes, and section changes. For university policies concerning Students' Rights and Responsibilities, Grade Replacement/Forgiveness, State-Mandated Course Drop Policy, Disability Services, Student Absence due to Religious Observance, Absence for University-Sponsored Events and Activities, Social Security, and FERPA Statement, please see <http://www.uttyler.edu/academicaffairs/files/syllabuspolicy.pdf>.

ADA Compliance: If you have a disability, including a learning disability, for which you request disability support services/accommodation(s), please contact Office of Student Accessibility and Resources so that the appropriate arrangements may be made. In accordance with federal law, a student requesting disability support services/accommodation(s) must provide documentation of his/her disability to the Disability Support Services counselor. For more information, call or visit the Office of Student Accessibility and Resources located in the University Center, Room 3150. The telephone number is 566-7079. Additional information may also be obtained at the following UT Tyler Web address: <https://uttyler.edu/disability-services/?r=/disabilityservices>