

# Intermediate Algebra – Spring 2023

## Math 0303.023

**Instructor:** Fara Meza

**Office:** RBN 4049 \*Online\*

**e-mail:** [fmeza@uttyler.edu](mailto:fmeza@uttyler.edu)

**Class Time:** T, Th 11:00 am -12:20 pm

**Office Hours:** Tuesday 1:00- 1:50pm and Wednesday 2:30-3:20 pm any other time by appointment

**Course Description:** A study of the real number system, fractions, decimals, absolute values, percentages, comparisons and proportional reasoning, signed numbers, solving linear equations and inequalities, simplifying expressions and functions. Co-requisite with Math 1342.

**Course Prerequisites:** TSI score of 335-350.

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

- 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.
- Solve linear equations and inequalities, find equations of lines, and graph linear equations and inequalities.
- Evaluate and graph functions and be able to analyze the graph of a function.
- Demonstrate knowledge of exponent and radical rules by simplifying and rewriting algebraic expressions involving exponents and radicals.
- Simplify and factor algebraic expressions involving polynomials and rational functions.

### Grades

Your final grade will be determined by the following categories:

<b>Attendance and Participation</b>	<b>05 %</b>
<b>Quizzes</b>	<b>25%</b>
<b>Homework</b>	<b>10%</b>
<b>Exams</b>	<b>30%</b>
<b>Final Exam</b>	<b>30%</b>

**Note:** This course is co-requisite with Math 1342.022

### Attendance

Make sure you attend class every day is very important for your success. **Late work will not be accepted and make-up examinations will not be given *except for official University absences or medical excuse.***

## Quizzes

A short quiz will be given each week; At the end of the semester one quizzes will be drop (The one with the lowest grades)

NO LATE QUIZZES!

## Homework

Will be assigned at the end of each class.

Be prepared to discuss and critique the ideas found in the exercise, your solutions and your thought process in class.

## Exams

There will be two exams evenly spaced, plus the final

## Final Exam

Our final exam is comprehensive. Request for make-up exams due to work conflicts or to accommodate travel will be denied. No early finals will be given. No letter grade for the course will be two or more letters grades higher than the letter grade for the final exam. For example, if you make a C on the final exam, you can make no better than B in the course.

## Classroom Face to face and Zoom Policy

Please be respectful of the students around you at all times. This means that you should turn your cellular phones' ringers off and keep the classroom clear of distractions. Also, make sure you show up to class on time and stay the whole time.

*Important Covid-19 information for for Classrooms and Laboratories:* It is important to take the necessary precautions to ensure a healthy and successful year. UT Tyler continues to urge you to protect yourselves against the flu, COVID and any new threats that may be developing. Be diligent about preventive measures such as washing hands, covering sneezes/coughs, social distancing and vaccinations, which have proven to be successful in slowing the spread of viruses. Encourage those who don't feel well to stay home, and if they show symptoms, ask them to get tested for the flu or COVID. Self-isolation is important to reduce exposure ([CDC quarantine/isolation guidelines](#)). Please work with your faculty members to maintain coursework and please consult [existing campus resources](#) for support.

*University Policies* For University policies concerning Students' Rights and Responsibilities, Grade Replacement/Forgiveness, State-Mandated Course Drop Policy, Disability Services, Student Absence due to Religious Observance, Student Absence for University Sponsored Events and Activities, and the Social Security and FERPA Statement please see: <http://www.uttyler.edu/academicaffairs/files/syllabuspolicy.pdf>