



MATH 0100.322 – Co-Requisite for Fundamentals of Mathematical Reasoning

Course Syllabus: Fall 2026

“Northeast Texas Community College exists to provide personal, dynamic learning experiences empowering students to succeed.”

Instructor: Marguerite Morris

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Weekday	Office Hours
Monday	10:50 – 11:30
Tuesday	8:30 – 9:20
Wednesday	8:30 – 9:20
Thursday	10:00 – 10:50
Friday	None

This syllabus serves as the documentation for all course policies and requirements, assignments, and instructor/student responsibilities.

Information relative to the delivery of the content contained in this syllabus is subject to change. Should that happen, the student will be notified.

Course Description: MATH 0100 will contain essential foundational concepts needed for success in MATH 0304 but not frequently mastered by students who do not exhibit adequate preparation for the following topics: numeracy with an emphasis on estimation and fluency with large numbers, evaluating expressions and formulas; rates, ratios, and proportions; percentages; solving equations; linear models; data interpretations including graphs and tables; verbal, algebraic and graphical representations of functions; exponential models. No college credit.

Student Learning Outcomes:

0100.1 Use appropriate symbolic notation and vocabulary to communicate, interpret, and explain mathematical concepts.

0100.2 Define, represent, and perform operations on real numbers, applying numeric reasoning to investigate and describe quantitative relationships and solve real world problems in a variety of contexts.

0100.3 Use algebraic reasoning to solve problems that require ratios, rates, percentages, and proportions in a variety of contexts using multiple representations.

0100.4 Apply algebraic reasoning to manipulate expressions and equations to solve real world problems.

0100.5 Use graphs, tables, and technology to analyze, interpret, and compare data sets.

0100.6 Construct and use mathematical models in verbal, algebraic, and tabular form to solve problems from a variety of contexts and to make predictions and decisions.

Course Structure and Overview: Very little instruction will take place, with class time being spent reviewing and reinforcing the skills necessary to be successful in MATH 0304.

Evaluation/Grading Policy:

The breakdown of the course requirements is as follows:

%	Requirement
50%	Attendance
50%	In-class work

Semester grades will be earned as follows

Percentage	Letter Grade
70% and above	CR
Below 70%	NC

Evaluation/Grading Policy: The grade for this course is either credit (CR) or no credit (NC) and based solely on attendance and participation in class activities. Because there are only eight class periods, no more than 2 absences will be allowed in order to receive credit for the course; however, you can make up an absence by turning in the work done the previous week.

Required Instructional Materials:

- 1) At least a basic calculator
- 2) A notebook with pockets or a spiral with pockets.
- 3) Writing materials – pencils (preferably) and erasers or pen

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Communications: Emails will be responded to within 24 hours during the week and 48 hours on the weekend. The college's official means of communication is via your campus email address. Your instructors will use your campus email and Blackboard to communicate with you outside of class. Make sure you keep your campus email cleaned out and below the limit so you can receive important messages. You may also call or text me on my cell phone; however, do so before 10:30 p.m.

Institutional/Course Policy:

- Students are expected to be in class unless they are attending a school sanctioned event. If that is the case, the student or coach is responsible for notifying the teacher of the absence. In the event of an absence, the student is still responsible for the homework assigned.
- Cell phones should be set to silent and preferably put away in a backpack or purse. The main goal concerning cell phone usage is not to disturb others.

Tentative Course Calendar (*note* Instructor reserves the right to make adjustments to this calendar at any point in the term.)

<u>DATE</u>	<u>TOPICS</u>	<u>ASSIGNMENTS</u>	<u>DUE DATES</u>
Week 1 Aug 25	Introductions/Syllabus Rounding Whole Numbers and Decimals	In class work	8/25/2026
Week 2 Sept 1	Divisibility Rules and Fractions	In class work	9/1/2026
Week 3 Sept 8	Revisit Order of Operations	In class work	9/8/2026
Week 4 Sept 15	Review Operations with Integers and Equation Solving	In class work	9/15/2026
Week 5 Sept 22	Review Skills from First Four Weeks Needed for Next Four Weeks	In class work	9/22/2026
Week 6 Sept 29	Review Graphing, Intercepts and Slopes	In class work	9/29/2026
Week 7 Oct 6	Review Graphing, Intercepts, Slopes, and Writing Equations of Lines	In class work	10/6/2026
Week 8 Oct 13	Start MATH 0304 Final Exam Review	In class work	10/13/2026