# Co–Requisite for Foundations of Mathematical Reasoning - MATH 0100
## Course Syllabus: Spring 2026

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

**Instructor:** Marguerite Morris
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| Office Hours | Monday | Tuesday | Wednesday | Thursday | Friday | Online |
|---|---|---|---|---|---|---|
| | | 8:30-9:20<br>12:00-12:30 | | 8:30-9:20 | | |

***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.

**Prerequisite(s):** TSI Incomplete Status with Multiple Measures Placement on TSI Placement Chart
**Corequisite(s):** 1) EDUC 1100  2) MATH 0304

**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.

**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.

**Minimum Technology Requirements:** At least a basic calculator.

**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.

**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 work done in class.
- 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.)

| DATE | TOPICS | ASSIGNMENTS | DUE DATES |
|---|---|---|---|
| Week 1 Jan 20 | Introductions/Syllabus Rounding Whole Numbers and Decimals | In class work | 1/27/2026 |
| Week 2 Jan 27 | Divisibility Rules and Fractions | In class work | 2/3/2026 |
| Week 3 Feb 3 | Revisit Order of Operations | In class work | 2/10/2026 |
| Week 4 Feb 10 | Revisit Operations with Integers and Equation Solving | In class work | 2/12/2026 |
| Week 5 Feb 17 | Review Graphing Linear Equations | In class work | 2/24/2026 |
| Week 6 Feb 24 | Revisit Intercepts and Slopes | In class work | 3/3/2026 |
| Week 7 Mar 3 | Revisit Graphing and Writing Equations of Lines | In class work | 3/10/2026 |
| Week 8 Mar 10 | Review for Final Exam | In class work | 3/12/2026 |