

TMTH 0374-2C1-Fall 2025



**LAMAR INSTITUTE
OF TECHNOLOGY**

INSTRUCTOR CONTACT INFORMATION

Instructor: Joseph L. Cantu Galarza
Email: jcantu@lit.edu
Office Phone: N/A

Office Location: N/A
Office Hours: E-mail (allow 24 hours for me to respond)

CREDIT

3 semester credit hours (3 hours lecture)

MODE OF INSTRUCTION

Online

PREREQUISITE/CO-REQUISITE:

Must be co-enrolled in TMTH 0174 BASE NCBO (Mathematics).

COURSE DESCRIPTION

The course supports students in developing skills, strategies, and reasoning needed to succeed in mathematics, including communication and appropriate use of technology. Topics include the study of numeracy and the real number system; algebraic concepts, notation, and reasoning, quantitative relationships; mathematical models; and problem solving.

COURSE OBJECTIVES

Upon completion of this course, the student will be able to

- Use appropriate symbolic notation and vocabulary to communicate, interpret, and explain mathematical concepts
- 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.
- Use algebraic reasoning to solve problems that require ratios, rates, percentages, and proportions in a variety of contexts using multiple representations.
- Apply algebraic reasoning to manipulate expressions and equations to solve real world problems.
- Use graphs, tables, and technology to analyze, interpret, and compare data sets.
- Apply algebraic reasoning to manipulate expressions and equations to solve real world problems.
- Construct and use mathematics models in verbal, algebraic, graphical and tabular form to solve problems in a variety of contexts and to make predictions and decisions.

REQUIRED TEXTBOOK AND MATERIALS

1. Students are automatically opted into the Eagle Learning Essentials (ELE) program. This program provides all required textbooks, eTextbooks, lab manuals, and access codes to eligible students. Through this innovative program, physical books are conveniently packaged and provided to students on a rental basis, and access to digital material is directly within the campus LMS, at the cost of \$14 per credit hour (added to your student account).

However, if you opted out of the Eagle Learning Essentials (ELE) program, you are required to buy an access code for MyMathLab for your TMTH 0374 course. You will receive instructions from your instructor. Purchasing an access code is NOT optional. You will need MyLab to complete homework assignments, so you will NOT pass this course if you do not purchase an access code for MyLab.

2. A basic 6-function calculator (+, −, ÷, ×, √, %) with a ± key. **Graphing calculators, scientific calculators, or cell-phone calculators are NOT permitted.** See below for the following suggestion.



ATTENDANCE POLICY

Attendance is mandatory. Because this is an online course, I will be having a weekly participation assignment (10% of overall grade). These assignments are not necessarily math related but could be. It is your responsibility to make sure that you check your email and Blackboard at least twice a day during the week.

DROP POLICY

If you wish to drop a course, you are responsible for initiating and completing the drop process by the specified drop date as listed on the [Academic Calendar](#). If you stop coming to class and fail to drop the course, you will earn an “F” in the course.

STUDENT EXPECTED TIME REQUIREMENT

For every hour in class (or unit of credit), students should expect to spend at least two to three hours per week studying and completing assignments. For a 3-credit-hour class, students should prepare to allocate approximately six to nine hours per week outside of class in a 16- week session OR approximately twelve to eighteen hours in an 8-week session. Online/Hybrid

students should expect to spend at least as much time in this course as in the traditional, faceto-face class.

SUGGESTED COURSE CALENDAR (subject to change with or without notice by the instructor)

- All assignments in Pearson MyLab are graded
- Exam reviews are NOT graded, they are for you to practice
- Exams and Weekly Participation Assignments are completed in Blackboard

Date	Assignments
<i>August 25 – September 7</i>	Policies & Procedures Weekly Participation Assignment (x2) Module 1 MyLab Module 2 MyLab
<i>September 8 – September 14</i>	Weekly Participation Assignment (x1) Exam #1 Review Exam #1: Module 1 & 2
<i>September 15 – September 28</i>	Weekly Participation Assignment (x2) Module 3 MyLab Module 4 MyLab
<i>September 29 – October 5</i>	Weekly Participation Assignment (x1) Exam #2 Review Exam #2: Module 3 & 4
<i>October 6 – October 19</i>	Weekly Participation Assignment (x2) Module 5 MyLab Retake/Make-Up opportunity for Exam #1 and/or Exam #2
<i>October 20 – October 26</i>	Weekly Participation Assignment (x1) Exam #3 Review Exam #3: Module 5
<i>October 27 – November 16</i>	Weekly Participation Assignment (x3) Module 7 MyLab Module 8 MyLab
<i>November 17 – November 23</i>	Weekly Participation Assignment (x1) Exam #4 Review Exam #4: Module 7 & 8
<i>November 24 – December 3</i>	Weekly Participation Assignment (x1) Final Exam Review Retake/Make-up opportunity for Exam #3 and/or Exam #4
<i>December 4 – December 10</i>	Final Exam

COURSE EVALUATION

Final grades will be calculated according to the following criteria:

Exams (including Comprehensive Final Exam) **60%**

Course Assignments (MyLab)/Attendance (Participation) **40%**

GRADE SCALE*

90 – 100	DA
80 – 89	DB
70 – 79	DC
0 – 69	DF

*LIT does not use +/- grading scales

ACADEMIC DISHONESTY

Students found to be committing academic dishonesty (cheating, plagiarism, or collusion) may receive disciplinary action. Students need to familiarize themselves with the institution's

Academic Dishonesty Policy available in the Student Catalog & Handbook at

<http://catalog.lit.edu/content.php?catoid=3&navoid=80#academic-dishonesty>.

TECHNICAL REQUIREMENTS

The latest technical requirements, including hardware, compatible browsers, operating systems, etc. can be online at <https://lit.edu/online-learning/online-learning-minimum-computer-requirements>. A functional broadband internet connection, such as DSL, cable, or WiFi is necessary to maximize the use of online technology and resources.

DISABILITIES STATEMENT

The Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973 are federal anti-discrimination statutes that provide comprehensive civil rights for persons with disabilities. LIT provides reasonable accommodations as defined in the Rehabilitation Act of 1973, Section 504 and the Americans with Disabilities Act of 1990, to students with a diagnosed disability. The Special Populations Office is located in the Eagles' Nest Room 129 and helps foster a supportive and inclusive educational environment by maintaining partnerships with faculty and staff, as well as promoting awareness among all members of the Lamar Institute of Technology community. If you believe you have a disability requiring an accommodation, please contact the Special Populations Coordinator at (409)-951-5708 or email specialpopulations@lit.edu. You may also visit the online resource at [Special Populations - Lamar Institute of Technology \(lit.edu\)](#).

STUDENT CODE OF CONDUCT STATEMENT

It is the responsibility of all registered Lamar Institute of Technology students to access, read, understand and abide by all published policies, regulations, and procedures listed in the *LIT Catalog and Student Handbook*. The *LIT Catalog and Student Handbook* may be accessed at www.lit.edu. Please note that the online version of the *LIT Catalog and Student Handbook* supersedes all other versions of the same document.

STARFISH

LIT utilizes an early alert system called Starfish. Throughout the semester, you may receive emails from Starfish regarding your course grades, attendance, or academic performance. Faculty members record student attendance, raise flags and kudos to express concern or give praise, and you can make an appointment with faculty and staff all through the Starfish home page. You can also login to Blackboard or MyLIT and click on the Starfish link to view academic alerts and detailed information. It is the responsibility of the student to pay attention to these emails and information in Starfish and consider taking the recommended actions. Starfish is used to help you be a successful student at LIT.

ADDITIONAL COURSE POLICIES/INFORMATION

1. Communicate effectively with respect, transparency and using proper netiquette!
2. Read through the Syllabus – You will get a better understanding of course objectives and what is expected of you as the student.
3. Course syllabus and information, including exam grades, can be found on Blackboard. Homework assignments can be found in MyLab.
4. **Retakes/Make-Up Exams:** The exam window will be open for one full week, refer to syllabus, so make sure to mark those dates on your calendar. You'll have a set amount of time to complete the exam, and a lockdown browser will be in place. Please note that I will NOT reopen exams once the window closes, so it's really important to plan ahead and set aside some dedicated time.

If, for any reason, you're not happy with your grade, or if you miss the exam during the scheduled week, don't worry, I've included two opportunities for retakes or make-up exams in the syllabus. These are meant to give you a chance to improve your grade, not as extra time to study or procrastinate. Keep in mind, you will have to prepare for them on your own time. And yes, the retakes/make-up exams will be different from the original exam.

Remember, you are still responsible for keeping up with the coursework at that time. Stay on top of the schedule, and if you have any questions, just ask!

5. The instructor reserves the right to revise this syllabus as necessary.

