TMTH 0374-3E1-Fall 2023
MW: 5:30-6:50 p.m.-TC 200

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
Face to Face

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. 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 MyMathLab to complete homework assignments, so you will NOT pass this course if you do not purchase an access code for MyMathLab.

2. A three-ring binder for keeping and organizing course handouts. Paper, pencils and erasers. Students should have all materials ready to use as soon as class begins. If you do not have your materials ready at the beginning of class, you will be counted absent.

3. A basic 6-function calculator (+, –, ÷, x, √, %) 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. If you are late, you will be marked tardy. If you are more than 15 minutes late, you will be counted absent. If you leave class early, you will be counted absent. If you are sleeping or inattentive in class, you will be counted absent.

a. Three tardies will be counted as an absence.
b. Your participation grade will be the ratio of the days you were present to the total class days we meet.

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, face-to-face class.

COURSE CALENDAR (subject to change with or without notice)

Date	Assignments
August 21 August 23	Policies and Procedures/Module 1 Module 1
August 28 August 30	Module 2 Module 2
September 6 September 11	Review **Exam #1 (Modules 1 & 2)**
September 13 September 18	Module 3 Module 3
September 20 September 25	Module 4 Module 4
September 27 October 2	**Exam #2 (Modules 3 & 4)** Module 5
October 4 October 9	Module 5 **Exam #3 (Module 5)**
October 11 October 16	**MyMathLab Day** **MyMathLab Day**
October 18 October 23	**MyMathLab Day** Module 7
October 25 October 30	Module 7 Module 8
November 1 November 6	Module 8 Module 8
November 8 November 13	Review **Exam #4 (Modules 7 & 8)**
November 15 November 20	Module 9 Module 9/Review
November 27 November 29	**Exam #5 (Module 9)** Final Exam Review
December 3 December 4	**MML Due @ 11:59 pm** **Final Exam**

COURSE EVALUATION

Final grades will be calculated according to the following criteria:

Tests **60%**
Comprehensive Final Exam **10%**
Course Assignments **20%**
Participation **10%**

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. Disruptive or disrespectful behavior of any kind during class will not be tolerated. If disrespectful behavior becomes an issue at any time, you will be asked to leave and will be counted absent.
2. All cellphones and other electronic devices should be turned off during class. Failure to do so may result in an absence. **During exams, phones should not even be visible!**
3. No food or drinks during class.
4. Course syllabus and information, including test grades, can be found on Blackboard. Homework assignments and grades can be found in MyMathLab.
5. **FINAL EXAM (RETEST)**: **THERE ARE NO MAKE-UP EXAMS!** The **comprehensive** final exam will count as 10% of the course. In addition, if a student passes the comprehensive exam, then **2 of the lowest exams** could be replaced with a maximum of a 70, provided that the original exam is lower than the final exam.
6. The instructor reserves the right to revise this syllabus as necessary.