Developmental Mathematics (TMTH 0374-2A1)

INSTRUCTOR CONTACT INFORMATION

Instructor:	Daniel Dove
Email:	dadove@lit.edu
Office Phone:	409-247-5017
Office Location:	TC 112A
Office Hours	M 8:00 am – 9:30 am, 11:00 am – 1:30 pm
	T 8:00 am – 11:00 pm, 12:30 pm – 1:30 pm
	W 12:00 pm – 1:30 pm
	R 8:00 am - 11:00 am
	F 8:00 am-12:30 pm

CREDIT
3 Semester Credit Hours (3 hours lecture, 0 hours lab)

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:

1. Use appropriate symbolic notation and vocabulary to communicate, interpret, and

explain mathematical concepts.

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.

3. Use algebraic reasoning to solve problems that require ratios, rates, percentages, and

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proportions in a variety of contexts using multiple representations.

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

problems.

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

6. 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. A Pearson MyMathLab Standalone Access Code
a. Once a student has access to this class in Blackboard, they will be able to
access the Pearson website and purchase a code online directly from
Pearson.
OR
b. May be purchased at a local bookstore:
i. 18 Week Standalone Access Card: Ask Instructor if code is needed.
ii. 24 Month Standalone Access Card: Ask instructor if code is needed.
2. You will need at least a basic 6 function calculator, but I will not penalize you for more
advanced calculators.

ATTENDANCE POLICY
No physical classroom attendance but must login to Blackboard and MyMathLab about 4 times
per week to check announcements and to complete homework assignments and exams.

DROP POLICY
If you wish to drop a course you are eligible to drop, 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 a "DF" 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

What is Due	Location	Due Date
• Netiquette and MyMathLab Orientation Assignment • Orientation Assignment • Review • All of Section 6.1	MyMathLab	Sunday, January 28
Test 1 (Section 6.1)	MyMathLab	Monday, January 29
All of Section 6.2	MyMathLab	Sunday, February 4
Test 2 (Section 6.2)	MyMathLab	Monday, February 5
All of Sections 5.1 and 5.4	MyMathLab	Sunday, February 11
Test 3 (Sections 5.1 and 5.4)	MyMathLab	Monday, February 12
All of section 6.3	MyMathLab	Sunday, February 25
Test 4 (Section 6.3)	MyMathLab	Monday, February 26
All of Section 6.4	MyMathLab	Sunday, March 3
Test 5 (Section 6.4)	MyMathLab	Monday, March 4
All of Section 6.5	MyMathLab	Sunday, March 17
Test 6 (Section 6.5)	MyMathLab	Monday, March 18
All of Section 7.1 and 7.6	MyMathLab	Sunday, March 31
Test 7 (Section 7.1 and 7.6)	MyMathLab	Monday, April 1
All of Sections 7.2 and 7.3	MyMathLab	Sunday, April 7
Test 8 (Sections 7.2 and 7.3)	MyMathLab	Monday, April 8
All of Sections 11.1 and 11.2	MyMathLab	Sunday, April 21
Test 9 (Sections 11.1 and 11.2)	MyMathLab	Monday, April 22
All of Sections 12.1, 12.2, and 13.1	MyMathLab	Sunday, April 28
Test 10 (Sections 12.1, 12.2, and 13.1)	MyMathLab	Monday, April 29
Final Exam	MyMathLab	Monday, May 6

COURSE EVALUATION

Final grades will be calculated according to the following criteria:

Tests 60%
Course Assignments 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

- **Late Work**
    - **I may apply up to a 20% penalty on any homework assignments turned in after the due date.**
    - **There are NO late exams or retakes. If you miss an exam without prior arrangements with the professor, you will earn a zero on the missed exam!**
- **At least one weekly announcement will be sent by the instructor regarding upcoming due dates and exams each week, with possibly more. Be sure to check Blackboard and your LIT email three or more times per week to keep up with Course Announcements!**
- **I will do my best to respond to all communication within 24 hours except on weekends and holidays.**