BASE NCBO (MATHEMATICS) TMTH 0174-8B1

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

1 Semester Credit Hour (1 hour lecture, 0 hours lab)

MODE OF INSTRUCTION

Face-To-Face

PREREQUISITE/CO-REQUISITE:

Must be co-enrolled in TMTH 0374 Developmental Mathematics

COURSE DESCRIPTION

The NCBO 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.

This course must be taken concurrently with TMTH 0375 Intermediate Algebra. It will serve to provide additional time for the student to receive one-on-one support. Intervention will be provided by an instructor of record.

COURSE OBJECTIVES

Upon completion of this course, in conjunction with completion of TMTH 0375, the student will

be able to:

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

Approved: Initials/date

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

REQUIRED TEXTBOOK AND MATERIALS

1. See your Intermediate Algebra TMTH 0375 course for your textbook. You do not need to purchase access to MyMathLab twice.
2. You will need at least a basic 6 function calculator, but I will not penalize you for more advanced calculators.

ATTENDANCE POLICY

Attendance is mandatory. Your participation grade will be the ratio of days you were present to the total class days we meet. You must work in MyMathLab the entire duration of class either completing assignments or to study for upcoming tests. If you leave early or do not work in MyMathLab, you will not receive participation credit for that day.

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 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

This class must be taken concurrently with TMTH 0374 and will provide additional time for the student to receive instructor support. We will follow the course calendar in your TMTH 0375 syllabus.

COURSE EVALUATION

Final grades will be calculated according to the following criteria:

Participation Grade - 100%

GRADE SCALE

- **70-100 "S"**
- **0-69 "U"**

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