

TMTH 0174
Course Syllabus



BASE NCBO (TMTH 0174)

Credit: 1 semester credit hour (1 hour lecture)

Prerequisite/Co-requisite:

- **REQUIRED** for students scoring a Level 3 ABE or a Level 4 ABE on the TSI-Assessment. This course must be taken concurrently with TMTH 0374.
- **RECOMMENDED** for students scoring a Level 5 ABE or Level 6 ABE on the TSI-Assessment. If taken, this course must be taken concurrently with TMTH 0374.

Course Description

- Topics in mathematics such as arithmetic operations, basic algebraic concepts and notation, geometry, and real and complex number systems.
- This course must be taken concurrently with TMTH 0374. 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.

Required Textbook and Materials

1. MyMathLab Standalone Access Code
 - a. A code must be purchased for TMTH 0374. Once the code for TMTH 0374 is purchased no additional code is necessary.
2. Approved recommended calculators by individual course instructor.

Course Objectives

Upon completion of this course, in conjunction with completion of TMTH 0374, the student will be able to:

1. Perform arithmetic operations in the real number system.
2. Solve applied problems using arithmetic operations in the real number system.
3. Solve geometric problems.
4. Apply basic algebraic concepts to simplify expressions and solve linear equations and inequalities.
5. Perform basic operations in the complex number system.

Course Outline

Since this course is to be taken concurrently with TMTH 0374, for the course outline, please refer to the Master Syllabus for TMTH 0374.

Grade Scale

| | |
|--------|-----------------------|
| 70-100 | Satisfactory |
| 0 – 69 | Unsatisfactory |

Course Evaluation

Final grade will be calculated according to the following criteria:

Daily grade (consisting of the following) 100%

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- Attendance for the entire duration of each class session
- MyMathLab participation for the entire duration of each class session

Course Requirements

1. Attendance is mandatory.
2. The student must purchase all of the required course materials.
3. The student will be expected to have access to the Internet and a computer.
4. Additional course requirements as defined by the individual course instructor.

Course Policies

1. Cheating of any kind will not be tolerated.
2. Additional class policies as defined by the individual course instructor.

Technical Requirements (for courses using Blackboard)

The latest technical requirements, including hardware, compatible browsers, operating systems, software, Java, etc. can be found online at:

[https://help.blackboard.com/en-](https://help.blackboard.com/en-us/Learn/9.1)

[us/Learn/9.1](https://help.blackboard.com/en-us/Learn/9.1) [2014 04/Student/015 Browser Support/015 Browser Support Policy](#) A

functional broadband internet connection, such as DSL, cable, or WiFi is necessary to maximize the use of the 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)839-2018. 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 or obtained in print upon request at the Student Services Office. 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

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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.

**Course Schedule**

This course must be taken concurrently with TMTH 0374 and will serve to provide additional time for the student to receive one-on-one support. Intervention will be provided by an instructor of record.