TMTH 0174
Course Syllabus

BASE NCBO (TMTH 0174) ONLINE

Credit: 1 semester credit hour (1 hour lecture)

Prerequisite/Co-requisite: Must be co-enrolled in TMTH 0374 Developmental Mathematics.

Course Description

The BASE 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.

Required Textbook and Materials

1. Pearson MyMathLab Standalone Access Code
   NOTE: Once the code for TMTH 0374 is purchased no additional code is necessary for TMTH 0174.
   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: 9780135910269
      ii. 24 Month Standalone Access Card: 9780135189962

2. Approved recommended calculator 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. 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 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.

Course Outline

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

Grade Scale

70-100	**S ---Satisfactory**
0 – 69	**U---Unsatisfactory**

Course Evaluation

Final grade will be calculated according to the following criteria:

- If a final class grade of DA, DB, or DC is earned in TMTH 0374, then a grade of S (Satisfactory) will be earned in TMTH 0174.
- If a final class grade of DF is earned in TMTH 0374, then a grade of U (Unsatisfactory) will be earned in TMTH 0174.

Course Requirements

1. The student must purchase all of the required course materials.
2. The student will be expected to have access to the Internet and a computer.
3. Blackboard logon and access to course a minimum of four times per week.
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-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 1992 and Section 504 of the Rehabilitation Act of 1973 are federal anti-discrimination statutes that provide comprehensive civil rights for persons with disabilities. Among other things, these statutes require that all students with documented disabilities be guaranteed a learning environment that provides for reasonable accommodations for their disabilities. If you believe you have a disability requiring an accommodation, please contact the Special Populations Coordinator at (409) 880-1737 or visit the office in Student Services, Cecil Beeson Building. You may also visit the online resource at http://www.lit.edu/depts/stuserv/special/defaults.aspx

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 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.