

MATH 1332 (2A4) Contemporary Math

as of: 09/23/24

CREDIT

3 Semester Credit Hours (3 hours lecture)

MODE OF INSTRUCTION

Online

PREREQUISITE/CO-REQUISITE:

- A score of 350 or above on the TSI-Assessment placement test (effective Fall 2013) or a "C" or better in TMTH 0374.
- Complete the Online Orientation and answer yes to 7+ questions on the Online Learner Self-Assessment:
<http://www.lit.edu/depts/DistanceEd/OnlineOrientation/OOStep2.aspx>



**LAMAR INSTITUTE
OF TECHNOLOGY**

COURSE DESCRIPTION

Intended for Non-STEM (Science, Technology, Engineering, and Mathematics) majors. Topics include introductory treatments of sets and logic, financial mathematics, probability and statistics with appropriate applications. Number sense, proportional reasoning, estimation, technology, and communication should be embedded throughout the course. Additional topics may be covered. *This course is time-bound, structured, and online.*

COURSE OBJECTIVES

Upon successful completion of this course, students will:

1. Apply the language and notation of sets.
2. Determine the validity of an argument or statement and provide mathematical evidence.
3. Solve problems in mathematics of finance.
4. Demonstrate fundamental probability/counting techniques and apply those techniques to solve problems.
5. Interpret and analyze various representations of data.
6. Demonstrate the ability to choose and analyze mathematical models to solve problems from real-world settings, including, but not limited to, personal finance, health literacy, and civic engagement.

INSTRUCTOR CONTACT INFORMATION

Instructor:	Jamie Hagler Barron
Email:	(Communication for the course will be through Blackboard) jhbarron@lit.edu
Office Phone:	Note that I do not have access to an office phone line. Contact me through the Messages tab in Blackboard.
Office Hours:	Virtual Office Hours - contact me through the Messages tab in Blackboard

REQUIRED TEXTBOOK AND MATERIALS

1. MyMathLab Standalone Access – it is best to sign up through Blackboard.
See “LIT Student Registration Instructions for MyLab”
2. There is NO TEXTBOOK for this class but you will be responsible for printing out the class notes and exercises (located in Blackboard).
3. A basic scientific calculator
You will NOT be allowed to use a graphing calculator or your device's calculator.
4. A binder, notebook paper, graph paper, a folder, pencils, erasers, and a ruler. Optional: highlighters

ATTENDANCE POLICY

This is an online course - you are required to log into the course three times a week.

DROP POLICY

If you wish to drop a course, you are responsible for initiating and completing the drop process. If you stop coming to class and fail to drop the course, you will earn an “F” in the course.

GRADE SCALE

- 90-100 A
- 80-89 B
- 70-79 C
- 60-69 D
- 0-59 F

COURSE EVALUATION

Final grades will be calculated according to the following criteria:

- Tests 60%
- Assignments 20%
- Core Assessment 20%

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.

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.

COURSE CALENDAR

Platform	MATH 1332 ASSIGNMENTS and TESTS (Online Class)	DUE DATE (subject to change)
MyMathLab	Section 2.1 Assignment	9/28/2024
MyMathLab	Section 2.3 Assignment	
MyMathLab	Section 2.4 Assignment	10/5/24
MyMathLab	Section 3.1 Assignment	
MyMathLab	Section 3.2 Assignment	
MyMathLab	Section 3.3 Assignment	10/12/24
MyMathLab	Section 3.4 Assignment	
MyMathLab	Test I Chapters 2 & 3	
MyMathLab	Section 5.1 Assignment	10/19/24
MyMathLab	Section 5.4 Assignment	
MyMathLab	Section 6.1 Assignment	
MyMathLab	Section 6.2 Assignment	10/26/24
MyMathLab	Section 6.3 Assignment	
MyMathLab	Section 6.4 Assignment	
MyMathLab	Section 6.5 Assignment	11/2/24
MyMathLab	Test II Chapters 5 & 6	
MyMathLab	Section 7.3 Assignment	11/9/24
MyMathLab	Section 10.2 Assignment	
MyMathLab	Section 10.3 Assignment	
MyMathLab	Test III Chapters 7 & 10	11/16/24
MyMathLab	Section 11.1 Assignment	
MyMathLab	Section 11.2 Assignment	
MyMathLab	Section 11.3 Assignment	11/23/24
MyMathLab	Test IV Chapter 11	
MyMathLab	Section 12.1 Assignment	
MyMathLab	Section 12.2 Assignment	11/30/24
MyMathLab	Section 13.1 Assignment	
MyMathLab	Core Assessment	FRIDAY, 12/6/24
MyMathLab	Final Review	
MyMathLab	Final Exam	Open: 12/7/24- 12/12/24

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.

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 \(lit.edu\)](#).

ARTIFICIAL INTELLIGENCE STATEMENT

Lamar Institute of Technology (LIT) recognizes the recent advances in Artificial Intelligence (AI), such as ChatGPT, have changed the landscape of many career disciplines and will impact many students in and out of the classroom. To prepare students for their selected careers, LIT desires to guide students in the ethical use of these technologies and incorporate AI into classroom instruction and assignments appropriately. Appropriate use of these technologies is at the discretion of the instructor. Students are reminded that all submitted work must be their own original work unless otherwise specified. Students should contact their instructor with any questions as to the acceptable use of AI/ChatGPT in their courses

ADDITIONAL COURSE POLICIES/INFORMATION

Note that the instructor does not have a physical office at Lamar Institute of Technology. Contact the instructor through Messages tab on Blackboard (not by email). Instructor will respond within 24 hours.

Virtual office hours are by appointment only:

If you need help, send the instructor through Messages tab on Blackboard.

You will receive a link and the time for a Collaborate Video Conferencing meeting.

Late work will NOT be accepted.

This is an online course – all assignments (except for the Final Exam) are open from the first day of class until the due date. Work ahead, but do not fall behind.

It is the student's responsibility to make sure all technology is working (including the device and internet/Wi-Fi) and have a back up plan in case issues arise.

Due dates will NOT be extended due to technical issues (unless it is a established issue with Blackboard or MyMathLab – then students will be notified of the issues through Announcements in Blackboard).

Technical assistance:

- For technical issues - helpdesk@lit.edu (409) 839-2074
- For online academic concerns - distanced@lit.edu (409) 880-7432
- Pearson Publishing (for MyMathLab problems)
<https://mlm.pearson.com/northamerica/mymathlab/students/support/index.html>

Check Blackboard OFTEN for Announcements and due dates.