Contemporary (MATH 1332-2B1)

INSTRUCTOR CONTACT INFORMATION Instructor:
Widad Abedelwahab

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Office Phone: (409)241-7873

Office Location: Building T5 Room 106

Office Hours: Campus Office Hours

M, W, F: 8:00 am – 9:00 am

10:00 am – 11:00 am

T: 10:00 am – 11:00 am

1:30 pm – 2:30 pm

R: 9:00 am – 11:00 am

Virtual office hours through blackboard by appointment.

CREDIT

3 Credit Hours Semester (3 hours lecture)

MODE OF INSTRUCTION

Online

PREREQUISITE/CO-REQUISITE:

- A score of 950 or above on the TSI-Assessment placement test or a "C" or better in TMTH 0374 and
- 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 http://www.lit.edu/depts/DistanceEd/OnlineOrientation/OOStep2.aspx

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 completion of this course, the student will be able to

1. Apply the language and notation of sets.
2. Determine the validity of an argument or statement and provide mathematical evidence.

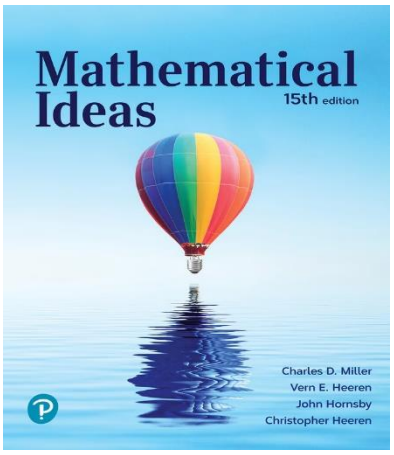
3. Solving problems in mathematics of finance.
Approved: Initials/date
4. Demonstrate fundamental probability/counting techniques and apply those techniques to solve problems.
5. Interpret and analyze various representations of data.
6. Demonstrate the ability to choose and analyze mathematical models to solve problems from realworld settings, including, but not limited to, personal finance, health literacy, and civic engagement.

Core Objectives

1. Critical Thinking Skills: To include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information.
2. Communication Skills: To include effective development, interpretation and expression of ideas through written, oral, and visual communication.
3. Empirical and Quantitative Skills: To include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions.

REQUIRED TEXTBOOK AND MATERIALS

1. MyMathLab stand alone. (More information on blackboard)
Access to MyMathLab is available through the Eagle Learning Essentials (ELE) program at $14 per credit hour added to your student account. Students may opt out of this program if they do not wish to participate in it. For more information, please go to:
https://www.lit.edu/student-success/eagle-learning-essentials.
2. A basic six-function calculator (+, –, ÷, x, √, %) with a ± key scientific calculator.



18-week access MyLab Math with Pearson eText (18 Weeks)
ISBN-13: 9780138051358 ($90 plus tax)

24-month access MyLab Math with Pearson eText (24 Months)
ISBN-13: 9780138051303 ($150 plus tax)

Figure 2 Course Textbook image

ATTENDANCE POLICY

1. Log in to blackboard at least 4 – 6 times a week to do work on MML and check messages.
2. Check messages and announcements on blackboard.
3. Respond to my messages with “I understand: if you do not have any questions for participation.

ensure accuracy of the sign-in.

DROP POLICY

If you wish to drop a course, you are responsible for initiating and completing the drop process by the specified drop date as listed on the Academic Calendar. If you stop working on the assignments and fail to drop the course, you will earn an "F" in the course.

STUDENT EXPECTED TIME REQUIREMENT

For a 3-credit-hour class, students should prepare to allocate approximately six to nine hours per week.

Course Requirements

1. The students must purchase all of the required course materials.
2. The student will be expected to have access to the Internet and a computer with webcam and microphone.
3. Blackboard logon and access to course a minimum of four times per week.
4. Additional course requirements on blackboard.
5. Students should read all the information under the home page and class information tab on blackboard before starting on the first week assignments.
6. **COURSE CALENDAR**

Week	TOPIC	ASSIGNMENTS (Due on this Date)
Week 1	The first week assignments: On blackboard under discussion: Introduce yourself, send your picture with ID, print the assignments calendar and review the syllabus. Read all the information under the home page, Class information and testing information. Read all the information under My MathLab information section and follow the instructions on how to enroll in Eagle Learning Essential program. Start on chapter 2.	The due dates on blackboard under assignments calendar and on MML.
Week 2 & 3	Chapter 2 assignments Take chapter 2 test Start on Chapter 3	The due dates on MML and under the assignments calendar
Week 4 & 5	Keep working on chapter 3 assignments Take chapter 3 test	Read the information on blackboard then go to MyMathLab and work on the assignments

Week 6 & 7	Chapter 5, 6, & 7	Read the information on blackboard then go to MyMathLab and work on the assignments
Week 8 & 9	Take chapter 5, 6 & 7 test Start on chapter 10	Read the informationon blackboard then go to MyMathLab and work on the assignments
Week 10	Keep working on chapter 10 Take Chapter 10 test Start on chapter 11	Read the information on blackboard then go to MyMathLab and work on the assignments
Week 11 & 12	Keep working on chapter 11 assignments Take Chapter 11 test The Core Assessment Start on chapter 12	Read the information on blackboard then go to
Week 13	Work on chapter 13 assignments	MyMathLab and work on the assignments
Week 14	Work on chapter 15	Read the information on blackboard then go to MyMathLab and work on the assignments
Week 15	Take chapter 12 & 13 test	Read the information on blackboard then go to MyMathLab and work on the assignments
	Final Exam is optional to replace the lowest test grade.	

COURSE EVALUATION

Final grades will be calculated according to the following criteria:

· Tests 60%

· Course Assignments (including Core Assignment) 40%

GRADE SCALE

- 90-100 A
- 80-89 B
- 70-79 C

- 60-69 D
- 0-59 F

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-minimumcomputerrequirements. 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).

AI 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.

Students are not allowed to use AI in this course

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

1. All the assignments, lecture videos and tests on MyMathLab
2. **Dishonesty: If the student caught cheating will face consequences:**
    a. **First a grade of zero will be given to the student until student re-takes the test in my office and shows all the work.**
    b. **Second time a grade of zero will be given.**
    c. **Third time the student will be given F in the course.**
    d. If the student is caught using AI a grade of zero will be given for the assignment and student not giving a chance to redo the assignment.

More Information on blackboard.