



WACO, TEXAS

**COURSE SYLLABUS
AND
INSTRUCTOR PLAN**

Contemporary Liberal Arts and Quantitative Reasoning

Math 1332. L05 (Linked to Math 0308. L005)

Holly Webb

NOTE: This is a 16-week course.

NOTE: This is a Face-to-Face course.

NOTE: This is a Linked Course

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.

Prerequisites and/or Corequisites:

Corequisite: 0308.L05

Course Notes and Instructor Recommendations:

These courses Math 0308.L05 and Math 1332. L05 are linked. You are concurrently enrolled in these courses to support your development as a learner of mathematics and your success in Math 1332. You will be attending Math 0308 on Monday and Wednesday and Math 1332 Tuesday and Thursday. Make it a goal to attend each class period four (4) days per week. This will give the class time to cover the new math concepts needed, and work together to build and strengthen math background knowledge. You should have sometime each week to work on homework and other assignments during class time with the support of a math instructor. However, you should also expect to work outside of class on homework and assignments as well.

The best way to progress through this course is:

1. Attend each class (math 0308 and Math 1332) for the full class period.
2. Participate in all activities and discussions.
3. Make sure you have access to internet.
4. Work examples along with the instructor in class.
5. Visit your instructors in person or on zoom during office hours to get help as needed.
6. Visit Academic Support and Tutoring in the LTC learning commons to get help with homework and test preparation.

Studies have shown that most successful students spend 2-3 hours working outside of class for every hour spent in class. Since these linked classes are worth a total of 6 hours of credit, you should expect to spend 12 to 18 hours per week working on this course outside of class time. This time may include; tutoring sessions, online homework, test reviews or other assignments. More time may be necessary if you find that you require more assistance

Instructor Information:

Instructor Name: Holly Webb

MCC E-mail: hwebb@mclennan.edu

Office Location: Math, Health and Wellness Building 208

Office Phone: 254-299-8878

Office Zoom: 254-299-8878

Ms. Webb's office hour: See Brightspace for office hour information.

Required Text & Materials:

This is an inclusive access course. Access to Pearson MyLab Math and the interactive online textbook are included with the course fee. There is no need to make additional purchases. Below is the title and information about our textbook.

Title: Thinking Mathematically

Author: Blitzer

Edition: 8th

Publisher: Pearson

MCC Bookstore Website: <http://www.mclennan.edu/bookstore/>

Methods of Teaching and Learning:

This corequisite class will include class lectures, discussions, activities and practice, online homework, and in class tests.

Course Objectives and/or Competencies:

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.

Course Attendance/Participation Guidelines:

If a student is not in attendance in accordance with the policies/guidelines of the class as outlined in the course syllabus as of the course census date, faculty are required to drop students from their class roster prior to certifying the respective class roster. A student's financial aid will be re-evaluated accordingly and the student will only receive funding for those courses attended as of the course census date.

Before the 60% point of the semester, a student who is absent for 25% or more of a face-to-face or blended course or who misses 25% or more of assigned work for an online course will be withdrawn from the course with a grade of W. A student may also request to be withdrawn with a grade of W before the 60% point of the semester. After the 60% point of the semester, the student may request to be withdrawn if the student is passing, or be assigned the final grade earned at the end of the semester after grades have been updated to reflect missing work.

Make attendance a priority. Attendance will be checked daily and recorded weekly on Brightspace. In order to receive credit for the course, you must be in attendance at least 75% of the time. A student who misses 7 class periods (25% of class time) Will be dropped from the class. Students dropped from either math 1332 or math 0308 will also be dropped from the corresponding linked class.

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Course Outline or Schedule: changes to the schedule will be announced in class and on Brightspace announcements.

Monday	Tuesday	Wednesday	Thursday
8/21 Math 0308 Introduction and Syllabus	8/22 Introduction and syllabus	8/23 Math 0308	8/24 1-1 Inductive and deductive reasoning
8/28 Math 0308	8/29 1-2 Estimation, Graphs and mathematical models	8/30 Math 0308	8/31 1-3 Sets and Venn Diagrams 1-4 More sets
9/4 Labor Day Holiday	9/5 Unit 1 Review	9/6 Math 0308 Unit 1 Review	9/7 Unit 1 Exam
9/11 Math 0308	9/12 2-1 Percents	9/13 Math 0308	9/14 2-2 Income Tax
9/18 Math 0308	9/19 2-3 Simple Interest	9/20 Math 0308	9/21 2-4 Compound Interest
9/25 Math 0308 Unit 2 Review	9/26 Unit 2 Review	9/27 Math 0308 Unit 2 Review	9/28 Unit 2 Exam
10/2 Math 0308	10/3 length (metric)	10/4 Math 0308	10/5 3-2 Area & volume

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10/9 Math 0308	10/10 3-3 Polygons and Perimeter	10/11 Math 0308	10/12 3-4 Right triangles
10/16 Math 0308 Unit 3 Review	10/17 Unit 3 Review	10/18 Math 0308 Unit 3 Review	10/19 Unit 3 Exam
10/23 Math 0308	10/24 4-1 Fundamentals of Counting	10/25 Math 0308	10/26 4-2 Permutations Counting when order matters
10/30 Math 0308	10/31 4-3 Combinations Counting when order doesn't matter	11/1 Math 0308	11/2 4-4 Probability
11/6 Math 0308 Unit 4 Review	11/7 Unit 4 Review	11/8 Math 0308 Unit 4 Review	11/9 Unit 4 Exam
11/13 Math 0308	11/14 5-1 Measures of Center	11/15 Math 0308	11/16 5-2 Graphs 5-3 Data
11/20 Math 0308	11/21 5-4 Scatterplots and correlation	11/22 Happy	11/23 Thanksgiving 

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11/27 Math 0308	11/28 Unit 5 Review Review for Final	11/29 Math 0308 Unit 5 Exam	11/30 Review for Final
12/4	12/5 Final exam 9:35- 11:35	12/6	12/7

Course Grading Information:

Class Participation: Participation is graded through attendance and in-class activities. These may NOT be made-up and remain 0's when missed. I will drop the lowest grade. (10% of course grade)

Online homework: is completed on MyMathLab. Due dates are set, and assignments may be completed late with a 10% late penalty. You can continue to try problems you miss until you get them correct. Grades on homework must be 90% or higher on each section to take the unit test. (20% of course grade)

Tests: 5 unit tests are given. Each test is worth 12% of your course grade. Make-ups are given with notes of illness or school activity. If you miss a test, email as soon as you can to discuss the situation. In addition, your final exam may replace one test grade if all homework for the semester is completed with 90% or higher for each section. (60% of course grade)

Final Exam: The final exam is cumulative. (10% of course grade).

Late Work and Make Up Work Policies:

See course grading information above for late work and make up work policies.

Student Behavioral Expectations or Conduct Policy:

Students are expected to adhere to the College's **COVID-19 policies & practices**. Students are expected to abide by the **General Conduct Policy** in the MCC Highlander Guide Student Handbook: <http://www.mclennan.edu/highlander-guide/>

Students are expected to maintain classroom decorum that includes respect for other students and the instructor, prompt and regular attendance, and an attitude that seeks to take full advantage of the education opportunity.

Laptops may be brought to class to facilitate asking and answering questions on the related MATH 1332 assignments.

For safety reasons, minors (children) are **not** permitted to attend college classes.

[Click Here for the MCC Attendance/Absences Policy](https://www.mclennan.edu/highlander-guide/policies.html)

(<https://www.mclennan.edu/highlander-guide/policies.html>)

Click on the link above for the college policies on attendance and absences. Your instructor may have additional guidelines specific to this course.

Updated 07/18/2023



ACADEMIC RESOURCES/POLICIES

Accommodations/ADA Statement:

Any student who is a qualified individual with a disability may request reasonable accommodations to assist with providing equal access to educational opportunities. Students should contact the Accommodations Coordinator as soon as possible to provide documentation and make necessary arrangements. Once that process is completed, appropriate verification will be provided to the student and instructor. Please note that instructors are not required to provide classroom accommodations to students until appropriate verification has been provided by the Accommodations Coordinator. For additional information, please visit www.mclennan.edu/disability.

Students with questions or who require assistance with disabilities involving physical, classroom, or testing accommodations should contact:

disabilities@mclennan.edu 2542998122 Room
319, Student Services Center

Title IX:

We care about your safety, and value an environment where students and instructors can successfully teach and learn together. If you or someone you know experiences unwelcomed behavior, we are here to help. Individuals who would like to report an incident of sexual misconduct are encouraged to immediately contact the acting Title IX Coordinator at titleix@mclennan.edu or by calling, Dr. Claudette Jackson, (Accommodations/Title IX) at (254) 299-8465. MCC employees are mandatory reporters and must report incidents immediately to the Title IX Coordinator. Individuals may also contact the MCC Police Department at (254) 299-8911 or the MCC Student Counseling Center at (254) 299-8210. The MCC Student Counseling Center is a

confidential resource for students. Any student or employee may report sexual harassment anonymously by visiting <http://www.lighthouse-services.com/mclennan/>. Go to McLennan's Title IX webpage at www.mclennan.edu/titleix/. It contains more information about definitions, reporting, confidentiality, resources, and what to do if you or someone you know is a victim of sexual misconduct, gender-based violence or the crimes of rape, acquaintance rape, sexual assault, sexual harassment, stalking, dating violence, or domestic violence.

Student Support/Resources:

MCC provides a variety of services to support student success in the classroom and in your academic pursuits to include counseling, tutors, technology help desk, advising, financial aid, etc. A listing of these and the many other services available to our students is available at <http://www.mclennan.edu/campus-resource-guide/>

Academic Support and Tutoring is here to help students with all their course-related needs. Specializing in one-on-one tutoring, developing study skills, and effectively writing essays. Academic Support and Tutoring can be found in the Library and main floor of the Learning Commons. This service is available to students in person or through Zoom. You can contact the Academic Support and Tutoring team via Zoom or email (ast@mclennan.edu) by going to our website (<https://www.mclennan.edu/academic-support-and-tutoring/>).

College personnel recognize that food, housing, and transportation are essential for student success. If you are having trouble securing these resources or want to explore strategies for balancing life and school, we encourage you to contact either MCC CREW – Campus Resources Education Web by calling (254) 299-8561 or by emailing crew@mclennan.edu or a Success Coach by calling (254) 299-8226 or emailing SuccessCoach@mclennan.edu. Both are located in the Completion Center located on the second floor of the Student Services Center (SSC) which is open Monday-Friday from 8 a.m.-5 p.m.

Paulanne's Pantry (MCC's food pantry) provides free food by appointment to students, faculty and staff. To schedule an appointment, go to https://mclennan.co1.qualtrics.com/jfe/form/SV_07byXd7eB8iTqJg. Both the Completion Center and Paulanne's Pantry are located on the second floor of the Student Services Center (SSC).

MCC Foundation Emergency Grant Fund:

Unanticipated expenses, such as car repairs, medical bills, housing, or job loss can affect us all. Should an unexpected expense arise, the MCC Foundation has an emergency grant fund that may be able to assist you. Please go to

<https://www.mclennan.edu/foundation/scholarships-and-resources/emergencygrant.html>

to find out more about the emergency grant. The application can be found at

https://www.mclennan.edu/foundation/docs/Emergency_Grant_Application.pdf.

MCC Academic Integrity Statement:

Go to www.mclennan.edu/academic-integrity for information about academic integrity, dishonesty, and cheating. The unauthorized use of artificial intelligence (AI) for classwork can be a violation of the College's General Conduct Policy. Whether AI is authorized in a course and the parameters in which AI can be used in a course will be outlined by each instructor.

Minimum System Requirements to Utilize MCC's D2L|Brightspace:

Go to <https://www.mclennan.edu/center-for-teachingandlearning/FacultyandStaffCommons/requirements.html> for information on the minimum system requirements needed to reliably access your courses in MCC's D2L|Brightspace learning management system.

Minimum Technical Skills:

Students should have basic computer skills, knowledge of word processing software, and a basic understanding of how to use search engines and common web browsers.

Backup Plan for Technology:

In the event MCC's technology systems are down, you will be notified via your MCC student email address. Please note that all assignments and activities will be due on the date specified in the Instructor Plan, unless otherwise noted by the instructor.

Email Policy:

McLennan Community College would like to remind you of the policy (<http://www.mclennan.edu/employees/policy-manual/docs/E-XXXI-B.pdf>) regarding college email. All students, faculty, and staff are encouraged to use their McLennan email addresses when conducting college business.

A student's McLennan email address is the preferred email address that college employees should use for official college information or business. Students are

expected to read and, if needed, respond in a timely manner to college emails. For more information about your student email account, go to www.mclennan.edu/studentemail.

Instructional Uses of Email:

Faculty members can determine classroom use of email or electronic communications. Faculty should expect and encourage students to check the college email on a regular basis. Faculty should inform students in the course syllabus if another communication method is to be used and of any special or unusual expectations for electronic communications.

If a faculty member prefers not to communicate by email with their students, it should be reflected in the course syllabus and information should be provided for the preferred form of communication.

Email on Mobile Devices:

The College recommends that you set up your mobile device to receive McLennan emails. If you need assistance with set-up, you may email Helpdesk@mclennan.edu for help.

You can find help on the McLennan website about connecting your McLennan email account to your mobile device:

- [Email Setup for iPhones and iPads](#)
- [Email Setup for Androids](#)

Forwarding Emails:

You may forward emails that come to your McLennan address to alternate email addresses; however, the College will not be held responsible for emails forwarded to an alternate address that may be lost or placed in junk or spam filters.

For more helpful information about technology at MCC, go to [MCC's Tech Support Cheat Sheet](#) or email helpdesk@mclennan.edu.

Disclaimer:

The resources and policies listed above are merely for informational purposes and are subject to change without notice or obligation. The College reserves the right to change policies and other requirements in compliance with State and Federal laws. The provisions of this document do not constitute a contract.