

McLennan
C O M M U N I T Y
C O L L E G E

WACO, TEXAS

COURSE SYLLABUS
AND
INSTRUCTOR PLAN

Foundations of Math Reasoning

MATH - 0308 – L76

Alma G. Wlazlinski

NOTE: This is a 16-week course.

COVID 19 Notice:

McLennan Community College is committed to providing you with every resource you need to reach your academic goals including your safety. We will continue to monitor the evolving situation with COVID 19 and adjust our safety guidelines to make sure we offer a safe environment for you and our faculty. Please make sure to consult your faculty and the MCC website at <https://www.mclennan.edu/crisis-management/coronavirus-updates/index.html> on any changes to these guidelines.

FOUNDATIONS OF MATH REASONING

MATH 0308 SEC L76

Course Description:

Foundations is a quantitative literacy-based course designed to provide students with the skills and conceptual understanding for success in a college-level statistical or quantitative literacy course. It is organized around big mathematical and statistical ideas. Foundations will help students develop conceptual understanding and acquire multiple strategies for solving problems.

Prerequisites and/or Corequisites:

Minimum TSI math score or TSI Math ABE level 5 or 6; or credit in 0301 (CAI Math 0111, 0112, 0113) or its equivalent

Course Notes and Instructor Recommendations:

- Half hour classes twice a week to lecture and discuss math objectives to be done on line and via Zoom as needed
- A score of 70 is minimum on all assessments.
- The Chapter notations relate to material needed to succeed in Math 1332 chapters and allow for a “Just In Time” learning to occur
- This is a 3 hour course and requires worksheets to be completed that will be located on Brightspace
- Email any concerns, suggestions, ideas to awlazlinski@mclennan.edu as promptly as possible if:
 - Personal commitments have caused you to get behind the schedule
 - Additional time needed to complete weekly assignments
 - Personal provider problems causing delays
 - Issues with the program

Please use proper and professional email etiquette by using the subject line to announce: **Math 0308 Sec 76** and your closing to have **your full name** for quick response to email

All correspondence must be using McLennan Community College e-mail!!!!

Instructor Information:

Instructor Information:

Instructor Name:	Alma G. Wlazlinski
MCC Email:	awlazlinski@mclennan.edu
Office Phone Number:	(254) 299-8871 Office phone (254) 652-1129 Cell for TEXT ONLY
Office Location:	Room 220 in Math Bldg
Office/Teacher Conference Hours:	Monday/Wednesday: Room 205 or Zoom: 5:00 pm-6:00 pm Zoom Meeting ID# 978 5409 6473

FOUNDATIONS OF MATH REASONING

MATH 0308 SEC L76

Tuesday/Thursday: Zoom office hours 1:00 pm to 2:00 pm

Zoom Meeting ID# 958 7514 8622

Other Instruction Information: Appointments can be secured via e-mail for Zoom time

Required Text & Materials:

Title: **None needed. All materials (videos, activity sheets) are on Brightspace**

Author:

Edition:

Publisher:

ISBN:

Needed: TI 84 calculator, writing instrument, computer and internet

1. A personal computer or access to a computer with camera for Zoom classes with a good internet provider for 4 months minimum and complete .pdf worksheets found on Brightspace
2. Writing instrument and paper
3. TI 83/84 graphing calculator, if you have a smart phone you can purchase access through [APPS] or Store function and look for wabbit.com to download for about \$6.00 the TI 84 (the free download will not take care of all the features of the TI 84) If you have a TI Inspire, you will have to google the steps in using
4. A determined dedication to complete this course with a good attitude that will not allow **“I will never need this material”** from creeping in.

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

Methods of Teaching and Learning:

This is an online course and requires personal discipline to schedule time to View/Learn and then complete assignments.

- ✓ Metacognitive weekly .PDF's will be sent on Mondays that should be returned to me by Wednesday of each week for attendance purposes.
- ✓ Each Unit of material will be completed at the end of each week (Sunday)
- ✓ Additional time for completion must be requested via email

Course Objectives and/or Competencies:

- Reacquainting students to math principles
- Expose students to solving equations
- Prepare students to solve real world problems using Polya's 4 steps of problem solving
- Be able to construct and solve percentage problems
- Graph on a coordinate system

FOUNDATIONS OF MATH REASONING

MATH 0308 SEC L76

- Construct and identify components of a linear equation
- Become aware of usages of probability and counting principles

Course Outline or Schedule:

This is a tentative schedule that will be adjusted to the needs of the learners

Week #1	Chapter 1	Introduction to Linked course M0308/M1332 Begin Lesson on Chapter 1 Translate English phrase Evaluate algebraic expressions
Week #2	Chapter 1	Use Order of Operations Exposure to plotting points on a coordinate plane
Week #3	Chapter 2	Understand and use inequality symbols Graphing on coordinate system
Week #4	Chapter 5	Evaluate exponential expressions Use the multiplication property of equality to solve equations Calculate square roots Review Rounding Rules for Decimals Use calculator for square roots and find approximations Homework and Quiz for Chapter 2 DUE
Week #5	Chapter 6	Graph numbers on a number line Combine like terms Multiply monomials Find the Greatest Common Factor Homework and Quiz for Chapter 5 DUE
Week #6	Chapter 6	Use the product rule for Exponentials Use the Quotient Rule for Exponential Simplify Exponential expression Solve Linear Equations
Week #7	Chapter 7	Solve a formula for a variable Check if ordered pair is a solution of an inequality and equations Find solutions of an equation in two variable Graph equations on coordinate system Use graph to identify intercepts Homework and Quiz for Chapter 6 DUE
Week #8	Chapter 8	Convert between mixed numbers and improper fractions Convert from decimal to scientific notation Homework and Quiz for Chapter 7 DUE
***** SPRING BREAK DURING WEEK OF MARCH 7 THROUGH 13TH		
Week #9	Chapter 8	More review of Calculator usage Catch up on material Homework and Quiz for Chapter 8 Due
Week #10	Chapter 10	Solve problems involving proportions

FOUNDATIONS OF MATH REASONING

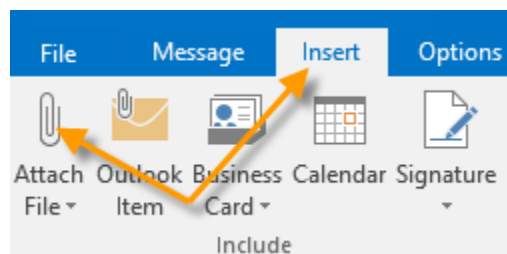
MATH 0308 SEC L76

		Solve Quadratic equations using the square root property
Week #11	Chapter 11	Reduce or simplify fractions Express rational numbers as decimals Add and Subtract fractions with like denominators Add and Subtract fractions with unlike denominators Multiply and divide fractions Homework for Chapter 10 Due
Week #12	Chapter 12	Find a number's absolute value Plot ordered pairs on graph Compute the slope of a line Find line's slope and y-intercept Graph linear equations using slop-intercept equation
Week #13	Complete the Course	Catch up for Homework and Quizzes For Chapters 11 and 12 Work on Questions

Course Grading Information:

This course is not self paced and should relate to what is being taught in Math 1342 and applicable in smaller technology based exercises.

- Weekly .pdf will need to be done and emailed to awlazlinski@mclennan.edu
 - 1. First download the .pdf and then open using any provider except for Google Docs
 - Place the answers on the .pdf and [Save] to desktop with your initials or name after
 - Open an email and address to instructor the use [Insert] and click on “Attachement”



- Then send
- Will be returned with a grade
- Attendance will be taken by weekly “metacognition” exercises or email responses to my .pdf’s (NO LATE WORK ACCEPTED)
- Final Grade Distribution on this course is driven by completion of Activity PDF’s
 - Activity PDFs 50%
 - Attendance (metacognition/email responses) 50% for 100%
 - Final Grading on Brightspace will be

FOUNDATIONS OF MATH REASONING

MATH 0308 SEC L76

Incomplete	-1 / 100	
Pass: Credit (CR)	-2 / 100	←
Fail: No Credit (NC)	-3 / 100	←

Please Note: These only apply to Pass/Fail or CR/NC courses.

Late Work, Attendance, and Make Up Work Policies:

There is always compassion regarding this course and the processes needed to understand Statistics, but there is a personal responsibility in knowing this class exists and needs as much attention as the Math 1332 Statistics class.

- **If 3 weeks of non-participation with the response emails or metacognition pdfs occur, the penalty is receiving an email and if no response a drop will happen. This will cause you to be dropped from Math 1332 as well**
- **If there are 2 weeks without receiving the week's assignment, then an absence will occur a "0" given for that assignment**

This course is meant to address technology and offer practice in understanding Quantitative Reasoning.

Student Behavioral Expectations or Conduct Policy:

- Having someone else do your online assignments is a violation of the academic policy and either may result in failing grades and/or being dropped from the class. Infractions such as these will be reported to the administration for tracking and permanently placed on your transcripts as well as possible college action.
- You must be committed to participating in this course. Communication on homework problems have to be done via e- mail.

[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.

McLennan

C O M M U N I T Y

COLLEGE

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

254-299-8122

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 Title IX Coordinator at titleix@mclennan.edu or by calling Dr. Drew Canham (Chief of Staff for Diversity, Equity & Inclusion/Title IX) at (254) 299-8645. Individuals also may contact the MCC Police Department at 299-8911 or the MCC Student Counseling Center at MCC 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/>

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 a Success Coach by calling (254) 299-8226 or emailing SuccessCoach@mclennan.edu. Students may visit the Completion Center Monday-Friday from 8 a.m.-5 p.m. to schedule a meeting with a Success Coach and receive additional resources and support to help reach academic and personal goals. Paulanne's Pantry (MCC's food pantry) provides free food by appointment to students, faculty and staff based on household size. Text (254) 870-7573 to schedule a pantry appointment. The Completion Center and 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.

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

Go to <https://www.mclennan.edu/center-for-teaching-and-learning/Faculty-and-Staff-Commons/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.

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.

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.

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.