

**McLennan**  
C O M M U N I T Y  
**COLLEGE**

WACO, TEXAS

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**COURSE SYLLABUS**  
**AND**  
**INSTRUCTOR PLAN**

**Contemporary Mathematics & Quantitative Reasoning**

**MATH - 1332 – SECTION L89**

**Alma G. Wlazlinski**

**NOTE: This is a 16-week course.**

**NOTE: This is an Online 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.

**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. Graphing calculator required.

**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:**

Involves committing 4 hours a week to hear, discuss, and work the material and view instructor videos for this online course. To be successful in this course:

- Students should watch the instructor videos to maximize the time to absorb the material and ask questions via Zoom office hours or e-mail.
- Students should take notes during lectures to facilitate completing the homework assignments
- Students should complete homework as soon as material is learned by
  - On line videos by instructor
  - Completed Notes from videos
  - Publisher's videos
- Students should investigate MyMathLab for Blank Notes, Instructor Videos and preparations for exams to be fully prepared for exams
- Students should visit during Zoom office hours or e-mail concerns regarding the course as soon as problem exists...not at the end of the semester.
- Email any concerns, suggestions, ideas to [awlazlinski@mclennan.edu](mailto: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 1332 Sec 89** and your closing to have **your full name** for quick response to email

**Instructor Information:**

Instructor Name: Alma G. Wlazlinski  
MCC Email: awlazlinski@mclennan.edu  
Office Phone Number: Office: 254-299-8871  
Cell: 254-652-1129 TEXT ONLY to alert  
Office Location: Math Bldg Room 220  
Office/Teacher Conference Hours: **Monday/Wednesday: 5:00 pm – 6:00 pm**  
Room 205 or Zoom  
Zoom Meeting ID: 978 5409 6473  
**Tuesday/Thursday: 1:00 pm – 2:00 pm**  
Zoom Meeting ID: 958 7514 8622  
**Friday Zoom meeting available** via email  
request

Other Instruction Information: Am committed to your success in this Core course but can only assist if contacted...Please do not wait till you are anxious and concerned.

**Required Text & Materials:** **This course is IA (Inclusive Access) so no material purchase necessary**

Title:

Author:

Edition:

Publisher:

ISBN:

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

**Methods of Teaching and Learning:**

This course is an online course that has due dates and NOT a self paced course. There are videos for instruction, Zoom office hours, email responses, and personal Zoom meetings as requested. Vital is the desire to complete this course and communicate WHEN a problem arises so a solution can happen.

Expectations are

- Students should communicate via
  - Telephone: 254 299 8871 (leave message) 254 652 1129 (Text ONLY)
  - Email: using MCC email ONLY with appropriate Subject: Math 1332 89
  - Zoom office hours as listed above
- Student commitment to completing this course
  - Four (4) hours a week minimum to focus on material

- Personal computer equipped with sufficient working RAM to run the program or access to a computer to work on course material
- Internet provider that is not a dial up
  - Need to insure a 4 month access for the semester
  - Or access MCC's Wifi (broadband) internet in Library, the Commons or any lab in our campus (even from your vehicle)
- A TI 84 calculator to utilize for several of the chapters in this course

**Course Objectives and/or Competencies:**

- ✓ Solve problems using critical thinking and reasoning skills
- ✓ Evaluate and appreciate the structure, beauty, power of logic and deductive reasoning.
- ✓ Utilize various strategies (making a drawing, tale, graph, etc) for problem solving
- ✓ Compute loan payments, credit card charges, mortgages, and investments
- ✓ Use real world analysis of data and information using probability and statistics to summarize, interpret, or predict.
- ✓ Graph and interpret data in appropriate form to present a visual relationship of data sets in real life.
- ✓ Understand introductory treatment of sets, logic, number systems, number theory, relations, or function.
- ✓ Use technology to enhance algebraic and statistical concepts.

**Course Outline or Schedule:**

<b>Week #1</b>	Introduction to course & Syllabus
	IA class so MyMathLab on Brightspace
	Sec 1.1 Inductive and Deductive Reasoning
	Sec 1.2 Estimation, Graphs, and Mathematical Models via video
<b>Week #2</b>	Sec 1.3 Problem Solving
	Sec 2.1 Basic Set Concepts
	Sec 2.2 Subsets via video
<b>Week #3</b>	Sec 2.3 Venn Diagrams and Set Operations
	Sec 2.4 Set Operations and Venn Diagrams with Three Sets
	Sec 2.5 Survey Problems
<b>Week #4</b>	Sec 3.1 Statements, Negations, and Quantified Statements
	Sec 3.2 Compound Statements and Connectives
	Sec 3.3 Truth Tables for Negation, Conjunction and Disjunction
<b>Week #5</b>	<b>***Unit I Exam over Chapters 1,2,3 ON LINE</b>
	Sec 7.1 Graphing & Function

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	Sec 7.2 Linear Functions & Their Graphs
<b>Week #6</b>	Sec 7.3 Systems of Linear Equations in Two Variables
	Sec 9.1 Measuring Length: The Metric System
	Sec 9.2 Measuring Area & Volume
	Sec 9.3 Measuring Weight & Temperature
<b>Week #7</b>	<b>***Unit II Exm over Chapters 7 &amp; 9 done On Line</b>
	Sec 8.1 Percent, Sales Tax and Discount
	Sec 8.2 Income Tax
	Sec 8.3 Simple Interest
<b>Week #8</b>	Use of Calculator to Work Compound Interest
	Sec 8.4 Compound Interest
	<b>Project Part I</b>
	Use of Calculator to Work Savings made with Payments
	Sec 8.5 Annuities, Methods of Savings, and Investments
	<b>Activity Sec 8.5</b>
	<b>Project Part II</b>
	Sec 8.6 Cars
	<b>Project Part III</b>
*****Spring Break for the week March 7 <sup>th</sup> through the 11 <sup>th</sup> *****	
<b>Week #9</b>	Sec 8.7 The Cost of Home Ownership
	<b>Projects I , II, and III DUE</b>
<b>Week #10</b>	<b>Unit III Exam over Chapter 8 ONLY On-Line</b>
	Sec 11.1 Fundamental Counting Principle
	Sec 11.2 Permutations
<b>Week #11</b>	Sec 11.3 Combinations
	Sec 11.4 Fundamentals of Probability
	Sec 11.5 Probability with the Fundamental Counting Principle, Permutations & Combinations
<b>Week # 12</b>	Sec 11.6 Events Involving Not and Or, odds
	Sec 12.1 Sampling, Frequency Distributions & Graphs
	Sec 12.2 Measures of Central Tendencies
<b>Week #13</b>	Sec 12.3 Measure of Distribution
	Sec 12.4 The Normal Distribution
	Sec 12.5 Problem Solving with the Normal Distribution
<b>Week #14</b>	<b>Unit IV Exam over Chapters 11 &amp; 12 On-Line DUE</b>
<b>Week #15</b>	<b>Review for Final Exam and Catch Up Week</b>

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<b>Week #16</b>	<b>Proctored on-line using Zoom (Monday – Wednesday per email)</b>
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**Course Grading Information:**

The grading for this course will have 4 components: Homework, Project Sheets, Exams and a comprehensive Final:

**Homework:** To assist the learning process, on-line homework is mandatory for this course. It involves the purchase of a MyMathLab access code that is labeled with book name for course. The homework assignments are matched with the lessons given in class. This program has many help aids to complete the homework such as “Ask My Professor” or “Help me solve this” or other ways to work the problem. This component is worth 20% of course grade.

**Metacognition/Projects:** These activities will insure understanding of personal responsibility in learning and application of lessons to discovery and application. The activities will be from lectures, examples from the lesson or from the homework exercises. Notes from class lectures can be used to assist in completion of the activity. This component will be worth 10%

**Exams:** There will be 4 (four) exams during the semester. Each of the Unit Exams will Be administered in a variety of methods to measure competency of the Material.

Unit I Exam over Chapters 1, 2, 3 On Line

Unit II Exam over Chapters 7 & 9 On Line

Unit III Exam over Chapter 8 ONLY

Unit IV Exam over Chapters 11 & 12 On-Line

This component is worth 40% of the course grade.

**Final Exam:** The Final will be a comprehensive exam. You will be allowed half a Sheet of any notes to assist in remembering the course material. This Component is worth 30% of course grade and will be proctored.

**Breakdown of Grading:**

<b>Homework on MML</b>	<b>20%</b>
<b>Metacognition/Projects</b>	<b>10%</b>
<b>Exams (4 exams online)</b>	<b>40%</b>
<b>Final (Proctored via Zoom)</b>	<b>30%</b>
<b>-</b>	<b>100%</b>

**Late Work, Attendance, and Make Up Work Policies:**

Life happens and to accommodate those issues:

- **If you fall behind on completion of objectives:**
  - Email instructor for password to allow completion of the material
- **If you are accrued an absence**
  - Means that you have not completed at least 2 of the objectives assigned for the week
  - Must email for password to allow completion of the material
- **If you have become sick or in hospital**
  - Send email to self report and instructor will receive the information

**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.

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## 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](http://www.mclennan.edu/disability).

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

[disabilities@mclennan.edu](mailto: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](mailto: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/](http://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](mailto: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](https://www.mclennan.edu/foundation/docs/Emergency_Grant_Application.pdf).

**MCC Academic Integrity Statement:**

Go to [www.mclennan.edu/academic-integrity](http://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](mailto: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.