McLennan

COMMUNITY

COLLEGE

WACO, TEXAS

COURSE SYLLABUS

AND

INSTRUCTOR PLAN

CONTEMPORARY MATHEMATICS

MATH 1332.90

LISA LINDLOFF

NOTE: This is a 16-week online course.

COVID 19 Notice:

McLennan Community College is committed to providing you with every resource you need to reach your academic goals. We are also concerned for your safety. We are working through COVID-19 guidelines to make sure we offer a safe environment for you and our faculty. This will include smaller class sizes to manage social distancing and proper cleaning techniques. You will have the advantage of a physical classroom experience but may also need to work part of the time online as we adjust to limited classroom capacity. This will also allow us the flexibility to move online if so directed by federal, state and/or local COVID 19 guidelines. Faculty and staff are preparing now to ensure that you have the best experience in the midst of these uncertain times.

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:

MATH 0307, or MATH 0308, or TSI college readiness math score, or consent of the division director.
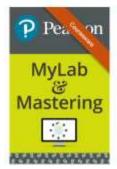
Course Notes and Instructor Recommendations:

Math 1332 in an online, face/face, or hybrid format all involve online homework assignments and some online testing. Everything is available online including an electronic version of the text, class notes, and both publisher and instructor lecture videos. There are numerous other learning aids available at the online site. Online classes require no campus attendance. Hybrid classes require some classroom attendance. See the semester schedule for specific hybrid attendance requirements.

Instructor Information:

Instructor Name: Lisa Lindloff
MCC E-mail: llindloff@mclennan.edu
Office Phone Number: 254-299-8802
Office Location: Mathematics 215
Office/Teacher Conference Hours: TBA

Required Text & Materials:
Title: MyMathLab Student Access Kit (Standalone)
MCC Bookstore: http://www.mclennan.edu/bookstore/
ISBN for the new edition of Blitzer, Thinking Mathematically, MML access

code: **9780134705095.**

Courseware MyLab Math with Pearson
eText -- Access Card -- for Thinking
Mathematically
by Robert F. Blitzer

Publisher: Pearson
eText ISBN: 9780134705095, 0134705092
Edition: 7th

TI 83/84 Graphing Calculator Required

Online students may use smartphone apps instead.

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, we encourage you to contact a success coach by calling (254) 299-8226. Students can visit the Completion Center Monday-Friday from 8:00 a.m.-5:00 p.m. to meet with a success coach and receive additional resources and support to help reach academic and personal goals. Paulanne's Pantry (MCC's food pantry) is open 12:00 p.m.-1:00 p.m., Monday-Friday, without an 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 find out more about the emergency grant. The application can be found here (https://www.mclennan.edu/foundation/docs/Emergency_Grant_Application.pdf).

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 contacted/notified through 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.

* Click Here for the Minimum System Requirements to Utilize MCC's D2L|Brightspace
(**https://www.mclennan.edu/center-for-teaching-and-learning/Faculty%20and%20Staff%20Commons/requirements.html**)
Click on the link above for information on the minimum system requirements needed to reliably access your courses in MCC's D2L|Brightspace learning management system.

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 her/his 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.

Forwarding Emails:
You may forward the 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 become lost or placed in junk or spam filters.

Methods of Teaching and Learning:
The following methods for teaching and learning will be used: online video lecture, online homework, online exams, and tutorial software. A three pronged approach is used in this course. For each instructional unit a blank lecture notes, complete lecture notes and video recording of the lecture notes worked will all be available on the website companion to this class which is accessed through Brightspace.

Objectives and/or Competencies:
Students successfully completing Liberal Arts Mathematics should be able to:
1. Solve problems using critical thinking and reasoning skills. (1,2,3,4,5,9)
2. Evaluate and appreciate the structure, beauty, power of logic and deductive reasoning (1,2,3,9)
3. Utilize various strategies (making a drawing, table, graph, etc) for problem solving.(1,2,4,5,9)
4. Compute loan payments, credit card charges, mortgages, and investments. (1,4)
5. Real world analysis of data and information using probability and statistics to summarize, interpret, or predict. (1,2,5)
6. Graph and interpret data in appropriate form to present a visual relationship of data sets in real life. (1,2,5)

7. Introductory treatment of sets, logic, number systems, number theory, relations or functions. (2,3)
8. Using technology to enhance algebraic and statistical concepts. (1,2,4,5)

Course Outline or Schedule:

This is a TENTATIVE weekly schedule. Changes will be announced in class and/or in the student's online announcement portal.

Week #	Dates	Assignments
1	8/23-8/29	Intro & Orientation to MML, 8.1
2	8/30-9/5	8.3, 8.4
3	9/6-9/12	8.5 Review
4	9/13-9/19	Test Ch 8, 9.1, 9.2
5	9/20-9/26	9.3, 10.2
6	9/27-10/3	10.3, 10.4
7	10/4-10/10	10.5, Review
8	10/11-10/17	Test Ch 9&10
9	10/18-10/24	11.1, 11.2
10	10/25-10/31	11.3, 11.4
11	11/1-11/7	Review, Test Ch 11
12	11/8-11/14	12.1, 12.2
13	11/15-11/21	12.3, 12.4
14	11/22-11/28	Review, Test Ch 12
15	11/29-12/5	Review for Final Exam
16	12/6-12/9	Exam due by Wed 12/9 @8am

Course Grading Information:

This course will use a variety of internal and external assessments to the core objectives of critical thinking, communications, empirical/quantitative analysis.

- **Critical Thinking:** Students will use inductive and deductive reasoning, explore problems using logical process of inquiry, analysis evaluation and synthesis. Assessments will include discussion, independent practice, collaborative experience, instructional technology, or comprehensive final.
- **Communications:** Students will submit written assignments involving small research via internet or newspapers on Real World information. They will share with their instructor and/or class via written, oral, and/or visual methods. Assessments will use at least one of the following: board work, class time explanation, case study presentation, poster board presentation, and small group presentation. The evaluation process will use a departmental rubric for communication assessment.
- **Empirical/Quantitative:** Students will work on various mathematical problem solving skills throughout the course. The course focuses on the manipulation and analysis of numerical data or observable facts. These maybe presented in application problems and problem skill sets in which students demonstrate their ability to reach informed conclusions using the mathematical process.

Assessment will include discussion, independent practice, collaborative experience, or instructional technology to include questions from a departmental test bank and/or the CAAP test.

Rubric for Communications:

	4	3	2	1
IN WRITTEN LANGUAGE	Student demonstrates full knowledge with no mistakes and elaborates on mathematical concepts.	Student demonstrates good knowledge but does not elaborate.	Student demonstrates limited knowledge but makes several mistakes.	Student does not have a grasp of the mathematical information.
IN ORAL LANGUAGE	4 — Student uses fluent and accurate words to describe mathematical concepts and processes.	3 — Student uses somewhat appropriate words to describe mathematical concepts and processes.	2 — Student uses vague words to describe mathematical concepts and processes.	1 — Student uses incorrect and confusing words to describe mathematical concepts and processes.
IN VISUAL PRESENTATION	4 — Student uses appropriate and accurate visual representation of mathematical concepts and processes.	3 — Student uses somewhat appropriate visual representation of mathematical concepts and processes.	2 — Student uses some inaccuracy in visual representation of mathematical concepts and processes.	1 — Student uses total inaccuracy in visual representation of mathematical concepts and processes.

Course name/number/section:
Student name/number:
Type of Communication Event:
___Board work
___Class time explanation
___Personal interview
___Case study presentation
___Poster board project presentation
___Small group presentation
___Online presentation

Grading in this course will be based on homework, unit tests, and a comprehensive final exam according to the following percentages.

Online homework ave: 25% or 30%

Online test average: 50%
> Before each test is available (online or face to face), all homework assignments must be completed with at least a 70% score for that unit. Makeup tests will not be given.

Communication Project: 5% (if applicable for your course)

Final exam grade: 20%

Having someone else do your online homework assignment and cheating on a test are both violations of the academic integrity 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 possible college action.

Late Work, Attendance, and Make Up Work Policies:
This is an online class with a great amount of flexibility in working on the course. All homework, tests, and final exam are due at the end of the semester. Nevertheless, there are weekly requirements to keep from being counted absent and possibly dropped from the class. You must submit some work each week. **My course definition of a week is Sunday morning until Saturday night. Specific assignments are to be completed during each week. You may be counted absent if you do not submit the assignments as indicated in the calendar. If you accumulate 4 weeks of absences, you may be dropped from the class. You may work ahead.**

Otherwise, please try to follow the calendar.

Student Behavioral Expectations or Conduct Policy:
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. Students are expected to come to class prepared and with supplies necessary to participate actively in each class meeting.

MCC Academic Integrity Statement:
* **Click Here for the MCC Academic Integrity Statement**
(**www.mclennan.edu/academic-integrity**)
The link above will provide you with information about academic integrity, dishonesty, and cheating.

* Click Here for the MCC Attendance/Absences Policy
(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 guidelines specific to this course.

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. Instructors should not provide accommodations unless approved by the Accommodations Coordinator. For additional information, please visit 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
* **Click Here for more information about Title IX**
(**www.mclennan.edu/titleix**)
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 (Vice President for Student Success) at 299-8645. Individuals also may contact the MCC Police Department at 299-8911 or the MCC Student Counseling Center at MCC by calling 299-8210. The MCC Student Counseling Center is a confidential resource for students. Any student or employee may report sexual harassment anonymously by visiting the following website: http://www.lighthouse-services.com/mclennan/.

McLennan's Title IX webpage (http://www.mclennan.edu/titleix/) 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.

* You will need to access each link separately through your Web browser (for example: Internet Explorer, Mozilla, Chrome, or Safari) to print each link's information.*