

McLennan COMMUNITY COLLEGE

WACO, TEXAS

COURSE SYLLABUS AND INSTRUCTOR PLAN

**CONTEMPORARY
MATHEMATICS**

**MATH 1332.M1
LINDLOFF**

NOTE: This is a Minimester 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.

CONTEMPORARY MATHEMATICS MATH 1332

Course Description:

Emphasizes critical thinking and problem-solving skills. Topics may include set theory, logic, number systems, number theory, functions, introductory probability and statistics, and the application of these concepts to real-world problems.

Prerequisites and/or Corequisites:

MATH 0307, Math 0308, or MATH 0124-0126, 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

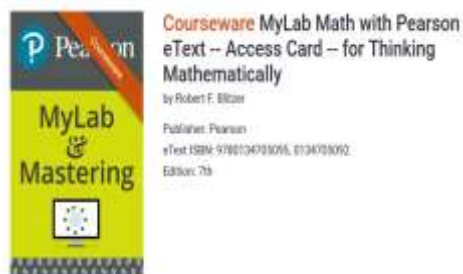
Required Text & Materials:

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.**



TI 83/84 Graphing Calculator Required

Smartphone options
which are free or
inexpensive will be
discussed in the course.

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

CONTEMPORARY MATHEMATICS MATH 1332

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 (www.pearsonmylabandmastering.com). This link will take you to the CourseCompass discussion of system requirements. http://www.coursecompass.com/html/system_requirements.html CourseCompass uses cookies and JavaScript technology. Both of these features must be turned on in your browser, and are usually turned on by default. For instructions on how to view or change these browser options, see your browser Help. For a detailed and up-to-date discussion of system requirements, log in to www.CourseCompass.com. If you have problems with accessing the website you can call Tech Support at 800-677-6337 Monday through Friday 8am – 5pm.

This is a MINIMESTER course and will be conducted in a 10 class day period over approximately 2 weeks. Students should be prepared to complete assignments at an accelerated pace.

Course 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)

CONTEMPORARY MATHEMATICS
MATH 1332

Course Outline or Schedule: This is a suggested daily schedule.

DAY	COVERED SECTIONS AND TOPICS
1	8.1 Percent 8.3 Simple Interest
2	8.4 Compound Interest 8.5 Annuities Review Finance Test Finance
3	9.1 Measurement (Length) 9.2 Measurement (Area & Volume) 9.3 Measurement (Weight & Temp)
4	10.2 Triangles 10.3 Perimeter & Circumference 10.4 Area 10.5 Volume
5	Review Measurement & Geometry Test Measurement & Geometry
6	11.1 Fundamental Counting Principle 11.2 Permutations 11.3 Combinations
7	11.4 Probability Review Probability Test Probability
8	12.1 Distributions 12.2 Central Tendency 12.3 Standard Deviation 12.4 Normal Distribution
9	12.5 Using z-scores Review Statistics Test Statistics
10	Review for Final Exam Final Exam

Because of weekends, you will have more than 10 days to complete the above assignments, but if face-to-face, these would be the 10 contact days

CONTEMPORARY MATHEMATICS
MATH 1332

Course Grading Information:

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

Online homework average: 30%

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.

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:

Students will be given a suggested schedule, but he/she may work at their own pace to complete the course by the designated final due date. No intermediate due dates will be given...only the final due date will be enforced. Students may complete the course early, but extensions will not be given. Procrastination may cause a student to fall too far behind to meet the final due date.

Following the suggested calendar is strongly encouraged. This is a minimester (10 day class).

Online attendance will be measured by activity in the assignments. Although your progress may be flexible, you must login and participate in some assigned activity (homework or test) each week.

Absences will be determined by activity in the online course. Failure to login and work for 3 consecutive days will be considered an absence. More than 2 absences may result in being dropped from the class.

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](http://www.mclennan.edu/academic-integrity)

(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)

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

Click on the link above for the college policies on attendance and absences. Your instructor may

CONTEMPORARY MATHEMATICS
MATH 1332

have additional guidelines specific to this course.

** 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.*

McLennan

C O M M U N I T Y

COLLEGE

ACADEMIC RESOURCES/POLICIES

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. Students can 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.

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)
(<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.

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

* [Click Here for more information about Title IX](http://www.mclennan.edu/titleix)
(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 (Chief of Staff for Equity & Inclusion/Title IX) 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 Mozilla Firefox, Chrome, Microsoft Edge, or Safari) to print each link's information.*