McLENNAN COMMUNITY COLLEGE

WACO, TEXAS

COURSE SYLLABUS

AND

INSTRUCTOR PLAN

CONTEMPORARY MATHEMATICS

MATH 1332.M080
LINDLOFF

NOTE: This is a Minimester course.

CONTEMPORARY MATHEMATICS

MATH 1332

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:
TSI math complete or MATH 0308.

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 online site. Online classes require no campus attendance. Hybrid classes require some classroom attendance.

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 Email me with any questions or concerns.

Required Text & Materials:
YOUR COURSE IS DESIGANTED AS IA.   Because your course is IA (Inclusive Access) the cost for the MML access will be covered in your tuition and you do not need to purchase any Access item. You will need a TI 84 calculator or smartphone app.

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/

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 Brightspace under MML Instruction Links. **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 CFo 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 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.

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.

Course Outline or Schedule:

This is a ==suggested== daily schedule.

DAY	COVERED SECTIONS & TOPICS
1	8.1 Percent 8.2 Taxes 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. Pick days to work, but this outline should help

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 (approx. a 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) frequently. Absences will be determined by activity in the online course. Failure to login and work for 3 consecutive days may be considered an absence. More than 2 absences may result in being dropped from the class. I will contact you via MCC email if I become concerned about your attendance.

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. In an online format, students are expected to follow the weekly calendar, check your school email frequently, and communicate via email respectfully always including your name and course number_section.

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 additional guidelines specific to this course.

MCLENNAN COMMUNITY 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. 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 may report sexual harassment anonymously by visiting http://www.lighthouse-services.com/mclennan/

Additionally, Title IX provides rights and protections for pregnant and newly parenting students. 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 success@mclennan.edu.

Paulanne's Pantry (MCC's food pantry) provides free food by appointment to students, faculty and staff. To schedule an appointment, go to https://calendly.com/paulannespantry-mcc/15min.

The CREW, Success Coaches, and Paulanne's Pantry are all located on the second floor of the Student Services building in Success Coaching Services.

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:
Please view our Academic integrity statement for more 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-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. 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 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.