

Updated 07/18/2023



WACO, TEXAS

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**COURSE SYLLABUS**

**AND**

**INSTRUCTOR PLAN**

**CONTEMPORARY MATHEMATICS**

**MATH 1332.O080**

**MICHELLE MORAVEC**

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

**NOTE: This is an Online course.**

**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, MATH 0308, TSI college readiness math score, or consent of the division director

**Course Notes and Instructor Recommendations:**

Math 1332 requires watching videos, taking notes, working on homework, and taking tests. You will need to schedule a time to work and keep a steady pace to complete the course.

I will communicate through Brightspace announcements. Check your email regularly to make sure that you don't miss anything. When emailing me, please include your name and class.

**Instructor Information:**

Instructor Name:	Michelle Moravec
MCC E-mail:	<a href="mailto:mmoravec@mclennan.edu">mmoravec@mclennan.edu</a>
	Include your COURSE NUMBER and NAME
Office Phone Number:	(254)299-8870 (Use Remind to text me.)
Office Location:	Math 214
Zoom Conference Hours:	MW 12:30-1 or Friday by appointment

**Required Text & Materials:**

1. MyMathLab course code **included with the course fee**
2. Paper and folder or spiral
3. Pencils
4. TI 30X , TI83/84, or TI83/84 app for phone
5. Access to a computer with high-speed internet or time to attend computer labs on campus



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

**Methods of Teaching and Learning:**

Class will include videos of PowerPoints explaining the material, online homework, and tests.

**Course Objectives and/or Competencies:**

Students will be able to:

1. Apply the language and notation of sets.

2. Determine the validity of an argument or statement and provide mathematical evidence.
3. Solve problems in mathematics of finance.
4. Demonstrate fundamental probability/counting techniques and apply those techniques to solve problems.
5. Interpret and analyze various representations of data.
6. Demonstrate the ability to choose and analyze mathematical models to solve problems from real-world settings, including, but not limited to, personal finance, health literacy, and civic engagement.

**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.

You will be counted absent if you do not complete any of the assignments due in a week by the due date. (You do not have to have everything completed to be counted present, and work not completed is marked late.)

**Course Outline or Schedule:** Changes to schedule will be posted in Brightspace.

Week 1: Unit 1-1 Reasoning Unit 1-2 Problem Solving	Week 2: Unit 1-3 Venn Diagrams Unit 1-4 Logic
Week 3: Unit 1 Review Unit 1 Test	Week 4: Unit 2-1 Percent and Taxes Unit 2-2 Income Tax
Week 5: Unit 2-3 Compound Interest Unit 2-4 Annuities	Week 6: Unit 2 Review Unit 2 Test
Week 7: Unit 3-1 Measurement Unit 3-2 Measurement 2	Week 8: Unit 3-3 Area, SA, Volume Unit 3-4 More Geometry

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Week 9: Unit 3 Review Unit 3 Test	Week 10: Unit 4-1 Counting Principle Unit 4-2 Permutations
Week 11: Unit 4-3 Combinations Unit 4-4 Probability	Week 12: Unit 4 Review Unit 4 Test
Week 13: Unit 5-1 Basic Statistics Unit 5-2 Measures of Dispersion	Week 14: Unit 5-3 Distribution Unit 5-4 More Distribution
Week 15: Review for Test 5 Unit 5 Test	Final Optional depending on grade

**Course Grading Information:**

Scale: 90-100 A   80-89 B   70-79 C   60-69 D   0-59 F

Class Participation: Participation is graded through:

- attendance,
- 1 introductory discussion board post,
- responding to emails or contacting the teacher at least 2 times during the semester,
- and posting a problem explanation video for the final exam review.

These may NOT be made-up and remain 0's. (15% of course grade)

Online homework is completed on MyMathLab. You can continue to try problems you miss until you make a 100. Grades on homework need to be 90 or higher to take your test on a unit. Due dates are set on MyMathLab, and assignments are deducted 2% per day late. (25% of course grade)

Tests: There are 5 regular tests. Make-ups are given in extenuating circumstances. If **you must miss a test**, email as soon as you can to discuss the situation. The final exam may be used to replace a low or 0 test grade. (60% of course grade)

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

Late work and make-up work are addressed above.

**Student Behavioral Expectations or Conduct Policy:**

Honor your commitment to complete the course by scheduling your time to work and holding yourself to that. Please be respectful in discussions with me and other students. Communicate with me ASAP if any circumstance is keeping you from working successfully on this course.

Having someone else do your work, sharing assignments, using online tools to solve problems, or other cheating on a test are violations of the academic integrity policy, will result in a 0, and/or being dropped from the class. Infractions such as these will be reported to the administration for tracking and possible college action.

**[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) 2542998122 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 acting Title IX Coordinator at [titleix@mclennan.edu](mailto: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 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/>

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](mailto: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](mailto:crew@mclennan.edu) or a Success Coach by calling (254) 299-8226 or emailing [SuccessCoach@mclennan.edu](mailto:SuccessCoach@mclennan.edu). Both are located in the Completion Center located on the second floor of the Student Services Center (SSC) which is open Monday-Friday from 8 a.m.-5 p.m.

Paulanne's Pantry (MCC's food pantry) provides free food by appointment to students, faculty and staff. To schedule an appointment, go to [https://mclennan.co1.qualtrics.com/jfe/form/SV\\_07byXd7eB8iTqJg](https://mclennan.co1.qualtrics.com/jfe/form/SV_07byXd7eB8iTqJg). Both the Completion Center and Paulanne's 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. 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-teachingandlearning/FacultyandStaffCommons/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](http://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](mailto: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 Cheat Sheet](#) or email [helpdesk@mclennan.edu](mailto: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.