

Contemporary Mathematics

Bolin 109 MWF 11:00 – 11:50

Math 1053 Section 101

Fall Semester 2022

Contact Information

Instructor: Marcos Lopez

Office: Bolin 118 B

Office hours: M: 10:00 – 10:50 R: 12:30 – 1:20
 T: 12:30 – 1:20 F: 9:00 – 9:50
 W: 12:00 – 1:50

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Course Description

A survey of the use of mathematics in the modern world. Topics include theory of elections and apportionment, graphs and networks, and statistics.

Textbook & Instructional Materials

Excursions in Modern Mathematics, Tannenbaum, 10th edition.

Calculators

You should have a calculator that will add, subtract, multiply, divide, and take square roots. You will not need a graphing calculator, though you are welcome to use one. You are expected to bring your calculator to class each day. You may not use a phone or any device with internet access as a calculator on quizzes or tests. You may not share calculators.

Grading

This course will be divided into three units, each worth **one-third** of the final grade. In each unit, your grade will be computed as follows:

- Homework: 20%
- Quizzes: 20%
- Unit Exam: 60%

Under certain circumstances, the unit exam score and homework may be substituted for the unit average in the final grade computation.

Your final grade will be based on the average of your three unit scores:

A: at least 90%

B: 80–89%

C: 70–79%

D: 60–69%

F: Less than 60%

Homework

Homework will be assigned using the MyLab system. Problems may be worked as many times as you like, so a perfect homework score should be attainable.

Homework for each chapter will be due for 100% credit on the day of the chapter quiz; you are encouraged to work on homework after each class period. Homework can be completed after the due date and before the unit exam for 75% credit. After the unit exam, your homework score will be final.

Quizzes

Eleven quizzes will be given in class over the course of the semester. Most will be announced ahead of time, but some may not be. No make-up quizzes will be given. A missed quiz will result in a grade of 0 on that quiz. A quiz missed for a university excused absence can be dropped from the unit grade computation as long as paperwork is completed at least two class days before the absence.

Exams

There will be three unit exams. The exams will be **September 19** and **October 21** in class, and **December 2**. If you must miss an exam, please let me know at least one week ahead of the test date and arrange to take the test early. Accommodations with less notice will be made only in the case of serious and unforeseeable circumstances. Notice must always be given as soon as possible; accommodations will generally not be made if notice is not given by 5:00 PM on the day of the exam.

Desire-to-Learn (D2L)

Extensive use of the MSU D2L program is a part of this course. Each student is expected to be familiar with this program as it provides a primary source of communication regarding assignments, examination materials, and general course information. You can log into [D2L](#) through the MSU Homepage. If you experience difficulties, please contact the technicians listed for the program or contact your instructor.

Attendance

You are expected to attend every class. If you are not able to turn in a homework assignment or take an exam because of an unexcused absence, you will not be able to turn receive full credit on the homework or take the exam. You can turn in the assignments **early**. A university excuse from a scheduled class activity such as an exam must be presented in writing no later than one week prior to the date of the absence. An absence due to illness or family emergency may be excused, if you can supply acceptable written evidence if required, and that you notify me as soon as possible. Notification is almost always possible immediately upon occurrence of an emergency. Failure to make such timely notification may result in denial of your request.

Contact with me

I prefer to make all agreements through email. This makes a written record in which both parties can refer. Any agreements that have no written record might not be enforceable.

I have hobbies, interests, and a general life outside of the full-time job of being a professor. I will check emails at normal times during normal business days. I may even occasionally check email over a weekend here or there. However, do not expect an immediate response to an email that was sent on weekends or evenings.

Services for Students with Disabilities

In accordance with Section 504 of the Federal Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, Midwestern State University endeavors to make reasonable accommodations to ensure equal opportunity for qualified persons with disabilities to participate in all educational, social, and recreational programs and activities. After notification of acceptance, students requiring accommodations should make application for such assistance through Disability Support Services, located in the Clark Student Center, Room 168, (940) 397-4140. Current documentation of a disability will be required to provide appropriate services, and each request will be individually reviewed. For more details, please go to [Disability Support Services](#).

Student Handbook

Refer to: [Student Handbook 2021-22](#)

Academic Dishonesty: Cheating, collusion, and plagiarism (the act of using source material of other persons, either published or unpublished, without following the accepted techniques of crediting, or the submission for credit of work not the individuals to whom credit is given). Additional guidelines on procedures in these matters may be found in the Office of Student Conduct.

College Policies

Student Resources

Refer to: [Student Resources](#) for information on

- Academic Appeals
- Academic Support
- Reporting Complaints
- FREE Counseling Services
- Financial Aid
- MOSAIC Cross Cultural Center
- Mustangs Pantry
- Office of the Registrar
- Office of Student Rights and Responsibilities
- Student Wellness Center
- Tutoring Services
- Vinson Health Center

Campus Carry Rules/Policies

Refer to: [Campus Carry Rules and Policies](#)

Notice

Changes in the course syllabus, procedure, assignments, and schedule may be made at the discretion of the instructor.

Answer these questions and return them before 09/02/2022.

1. What is your instructor's name? Where is his office?
2. How many tests are there this semester? Is there a final?
3. Do you need a graphing calculator for this course?
4. What is the policy on turning in late assignments?
5. What is the Mustang's Pantry?
6. Do you agree to abide by the rules structure for this course?

7. You found out that you are going to not be present for one of the exam dates. When should you take the exam? How do you make this happen?
8. When is the last day to withdraw from the course?
9. How do you plan on studying for this class? How much time do you think that will take?
10. What are your feelings about mathematics in general? Be honest, it won't hurt my feelings. Do you think that your feelings are going to help or hurt your progress in this course?
11. Tell me some things about you.