



## Course Syllabus: Probability & Statistics

Bolin 109 TR: 12:30-01:50

MATH 1433 Section 203

Spring Semester 2022

### Contact Information

Instructor: Marcos Lopez

Office: Bolin 118 B

Office hours:      Monday      01:00 – 01:50  
                         Tuesday      11:00 – 12:20  
                         Wednesday 12:00 – 12:50  
                         Thursday    11:00 – 12:50

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### Course Description

Descriptive analysis, probability, variability, confidence intervals, hypotheses testing, analysis of variance, correlation and regression, and nonparametric statistics.

### Textbook & Instructional Materials

*Essential Statistics*, 6th Ed. by Triola (MyLab Statistics with Pearson eText)

You do not need a hardcopy of this book. If you feel as though you would like additional resources for this class, please ask me for them. I can point you towards other texts or videos that might have a larger impact on your understanding.

### Prerequisites

MATH 1233 or MATH 1534 with a grade of C or better.

### Student Handbook

Refer to: [Student Handbook 2020-21](#)

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Dishonesty: Cheating, collusion, and plagiarism (the act of using source material of other persons, either published or unpublished, without following the accepted techniques of crediting, or the submission for credit of work not the individuals to whom credit is given).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.

[Student Handbook 2017-18](#)

## Grading

Assignments	Points
Homework Average	100
Test 1 ( <b>Thursday, Feb 10<sup>th</sup></b> )	100
Test 2 ( <b>Thursday, Mar 24<sup>th</sup></b> )	100
Test 3 ( <b>Thursday, Apr 21<sup>st</sup></b> )	100
Final Exam ( <b>Thursday, May 5<sup>th</sup></b> )	150
Total Points	550

Grade	Total Points
A	495 +
B	440 to 494
C	385 to 439
D	330 to 384
F	Less than 330

## Homework

Homework will usually be assigned on Thursdays and due the following Thursday. They will be assigned online through MyLab.

Below are somethings that I think would be awesome to keep in mind when doing work outside of class.

- You will get better at math through **practice**. Being able to follow along is not the same as being able to create math. You need more than the ability to read to be able to write effectively. Similarly, paying attention is not what is going to make you do well in this class. **Practice math.**
- Do not mistake being good at math with being able to do math quickly.
- Answers and solutions are different things. Be aware of both. The more comfortable you are with explaining your reasoning, the better you will do in this course, and just about everything else in life.
- Even though our homework will be online, I really would encourage you to write up your homework solutions. As you are writing up these problems, describe the steps out loud to yourself. Does it make sense? Are you confident on how you arrived at that answer? Do you have some days left over to come to office hours and ask a question about some of these that you struggled on? Did you notice I said "days" and not "hours"?
- Late homework can be turned in late with a penalty to your grade. You cannot turn in a late homework for full credit.

## Make-Up Exams

There will be NO makeup exams. If you know that you cannot make it to any of the above test dates, then you must take the exam EARLY. You will notify me as soon as possible, and we will work out a time and place for you to take the exam. If you miss an exam, then you have taken a zero for its grade. In extreme circumstances where advanced notice is not possible, such as a helicopter crashing in your house the day of a test, your final grade will take the place of the missed exam. In these extreme circumstances, such as being kidnapped by a super-villain in a plot to lure a superhero into a trap, you must let me know about the situation as soon as humanly possible.

### Final Exam

The final exam will be cumulative. It will take place on **Tuesday, May 3<sup>rd</sup> from 10:30am to 12:30pm.**

### Important Dates

Change of Schedule and Late Registration: January 10-13.

Deadline to file for graduation: February 14<sup>th</sup>.

Last Day to drop with a grade of "W:" March 21<sup>st</sup>.

Refer to: [Drops, Withdrawals & Voids](#)

### 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, provided that 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.

### Change of Schedule

A student dropping a course (but not withdrawing from the University) within the first 12 class days of a regular semester or the first four class days of a summer semester is eligible for a 100% refund of applicable tuition and fees. Dates are published in the Schedule of Classes each semester.

### Refund and Repayment Policy

A student who withdraws or is administratively withdrawn from Midwestern State University (MSU) may be eligible to receive a refund for all or a portion of the tuition, fees and room/board charges that were paid to MSU for the semester. HOWEVER, if the student received financial aid (federal/state/institutional grants, loans and/or scholarships), all or a portion of the refund may be returned to the financial aid programs. As described below, two formulas (federal and state) exists in determining the amount of the refund. (Examples of each refund calculation will be made available upon request).

### 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 in order to provide appropriate services, and each request will be individually reviewed. For more details, please go to [Disability Support Services](#).

### College Policies

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 12/21/2022.

1. What is your instructor's name? Where is his office?
  
  
  
  
  
  
  
  
  
  
2. How many tests are there this semester including the final? When is the final for this class?
  
  
  
  
  
  
  
  
  
  
3. Do you need a graphing calculator for this course?
  
  
  
  
  
  
  
  
  
  
4. What is the policy on turning in late assignments?
  
  
  
  
  
  
  
  
  
  
5. Do you have to wear a mask to attend office hours?
  
  
  
  
  
  
  
  
  
  
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.