

Mt. San Antonio College
MATH 110 Elementary Statistics
CRN 20661 61-2306 Fridays 8:00am - 11:10am
CRN 20577 61-2306 Fridays 11:30am - 2:40pm

Instructor:	Rahim Faradineh, rfaradineh@mtsac.edu, 323-260-8129
Office	Virtual (Zoom): M W 5:00pm – 7:00pm
Hours:	Virtual (Zoom): T Th 12:30pm – 2:00pm
Textbooks*:	Elementary Statistics, any edition by Triola
Materials:	TI-83 or TI-84 Graphing Calculator
Prerequisites:	None

Having some math skills with being technology savvy will be helpful.

Tentative Course Timeline:

Chapter 1	1.25 hours
Chapter 2	1.50 hours
Chapter 3	2.75 hours
Chapter 10	1.25 hours

Exam I: Study Guides 1–9

Chapter 4	4.50 hours
Chapter 5	5.00 hours

Exam II: Study Guides 1–17

Chapter 6	4.50 hours
Chapter 7	4.50 hours

Exam III: Study Guides 1–23

Chapter 8	4.50 hours
Chapter 9	4.50 hours
Chapter 10	1.25 hours
Chapter 11	1.25 hours
Chapter 12	1.25 hours

Final Exam: Study Guides 1–35

* **This is the recommended textbook, however purchasing it is 100% optional.**

Course Measurable Objectives (CMO):

1. Define basic statistical terms and notation.
 2. Describe the proper methods in the collection, classification and presentation of quantitative data.
 3. Explain the basic concepts of probability theory and calculate probabilities.
 4. Select the appropriate statistical methods for any application covered.
 5. Employ the principles of inferential statistics in the areas of estimation and hypothesis testing.
 6. Utilize statistical techniques with a variety of applications that pertain to business, the social, natural and physical sciences.
 7. Utilize computer technology to aide in the solution of statistical analyses.
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Student Learning Outcome(SLO):

After successfully completing this class,

1. Students will be able to determine descriptive statistics from a sample.
 2. Students will be able to use sample statistics to develop a confidence interval for population parameters.
 3. Using sample statistics from one or more samples, students will be able to test a claim made about a population parameter.
 4. Using bivariate data, students will be able to determine whether a significant linear correlation exists between two variables and determine the equation of the regression line.
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Course Objectives & Important Dates:

A comprehensive list of course objectives and all important dates for this class are available online on my website at www.mymathclasses.com.

Feel free to ask me any questions or concerns you may have regarding the course objective or important dates.

Weighted Final Grade Distribution:

If Your Weighted Percentage Is Between, Then Your Grade Will Be	
90% & 100%,	A
80% & 89%,	B
70% & 79%,	C
55% & 69%,	D
0% & 54%,	F

Progress Report:

- If you miss any of the first two exams without prior arrangement, you must drop the class.
- If you score below 70% on the first exam, you must meet me in person or via zoom to discuss your status.
- If your overall performance falls below 65% after the first two exams, you must strongly consider dropping this class.
- If you score below 60% on the final exam, you will not earn any grade higher than D for the class.

ADA Accommodations:

Any student who feels s/he may need an accommodation based on the impact of a disability should contact me privately to discuss your specific needs. Please contact the Office for Disabled Students Programs and Services to coordinate reasonable accommodations for documented disabilities.

Grading Distribution:

Activities	Percentage
Category I: Study Guides	15%
Category II: Quizzes	10%
Category III: Exams	45%
• 3-Class Exams (100 points each)	
Category IV: Final Exam	30%
• Final Exam (200 points)	

Exam/Quiz Policy:

Please read the following very carefully, there will be no deviation under any circumstances:

- Expect to have class quizzes frequently.
- Expect to have online quizzes frequently with due dates in canvas.
- All exams of any sort begins and ends at certain time. Exam dates will be announced in class.
- Final exam will be given on time and date suggested by the college. Please refer to my website for more details. Everyone must take the final exam, this is a college policy.

Academic Honesty:

As a student of this college, you have agreed to abide by the college academic honesty policy. Lack of knowledge of the academic honesty policy is not a reasonable explanation for a violation and will not be accepted nor tolerated at any time.

Grading Policy:

- **Dates for exams will be posted in canvas as well as in my website. Do not request any deviation due to your personal reasons.**
- **There is no make up of any sort for any reason.**
- **If any of your solutions to the problems on any quizzes, or exams are not consistent with class lectures or notes,**
 - **the integrity of your submission is considered highly compromised,**
 - **you will be required to explain your work in person or via zoom meeting with sharing video,**
 - **you maybe asked to solve similar problems using methods presented in class lectures or notes, and**
 - **such meeting should take place within a reasonable time agreed by all parties.**
- **Upon a successful completion of your explanation, your score will be updated.**

Office Hours:

Do not hesitate to come to my office during office hours to discuss your questions or any aspect of the course. You are expected to know what your questions are when you come in for assistance, and realize that it is not intended for repeating class lecture at all.

Calculator Requirement & Book Rental:

You are required to use TI-84 or TI-83 graphing calculator in this class. If you do not have one, you may download one of the following apps to your smartphone or tablet :

- WabbitEmu
- GrafNcalc83
- G.Calculator
- You may choose to rent the book or calculator for this class for a small fee. Please contact college bookstore, Math Tutoring Lab, or ASU for more details.

Study Guides Policy:

You are required to work on study guides on regular basis for this class and turn them in for credit on the announced due dates. These study guides are intended to encourage you to attend class regularly, take good notes, and use them as a tool for your preparation for class exams.

You will be dropped from this class due to lack of homework progress but first you will be given a courtesy notice during a zoom meeting in an attempt to improve the situation.

Grading Policy:

- There is no make up of any sort for any reason.
- Every study guide has 4 pages. Your submission must be in portrait style, pages in order and to be submitted as one file only.
- If any of your solutions to the problems on any study guides are not consistent with class lectures or notes,
 - the integrity of your submission is considered highly compromised,
 - you will be required to explain your work in person or via zoom meeting with sharing video,
 - you maybe asked to solve similar problems using methods presented in class lectures or notes, and
 - such meeting should take place within a reasonable time agreed by all parties.
- Upon a successful completion of your explanation, your score will be updated.

Communication Method:

Outside of classroom interaction and posted office hours, E-mail, Canvas inbox, and zoom meetings will be the only official forms of communication for this class. When e-mailing or using canvas inbox, type "Course Information" in the subject line.

It is your responsibility to make certain that your email is updated through the district and make sure that your email is brief and to the point, and do not use texting codes or symbols in your email.

Classroom Rules & Expectations :

- Make all efforts to take advantage of all supporting services.
 - You are encouraged to use office hours to get answers for all your questions.
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Class Attendance & Missing Work Policy:

This class requires attendance. You must attend on time and stay for the entire period and the following consequences are in place and you will be given a courtesy notice during a face-to-face meeting, zoom session, or via email before any action is taken in an attempt to improve the situation that involves missing work.

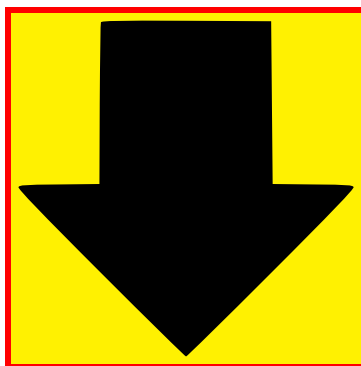
- Arrive on time and stay the entire time. It is distracting to all if you leave the room multiple times during the lecture.
- Before the drop deadline, anyone who is missing two consecutive meetings or three total meetings may be dropped from the class.
- After the drop deadline, anyone who is missing any type of exams may receive a grade of **F** for the class.

Tutoring Services:

Our college offers different forms of tutoring services for all students free of charge as well as dedicated support for students with special needs, I will share more details about these services with the class from time to time however visit college website to discover all services that are available to you. It is highly recommended that students requiring extra help make use of the these services. These free services are available to any student enrolled in a math class but you must have your student ID upon request.

You must read, fill out, sign the last page of this syllabus and then submit it within the first two class meetings.

More instructions will be provided via messaging or announcement in canvas.



Syllabus Signature Form

Math 110 Elementary Statistics

Student Name: _____

Please complete this signature sheet and submit it in canvas to show intent of attendance. Please be aware of the due dates in canvas.

Your signature below acknowledges the receipt and understanding of the course outline and indicates that you have read and understand the course standards and expectations from the syllabus.

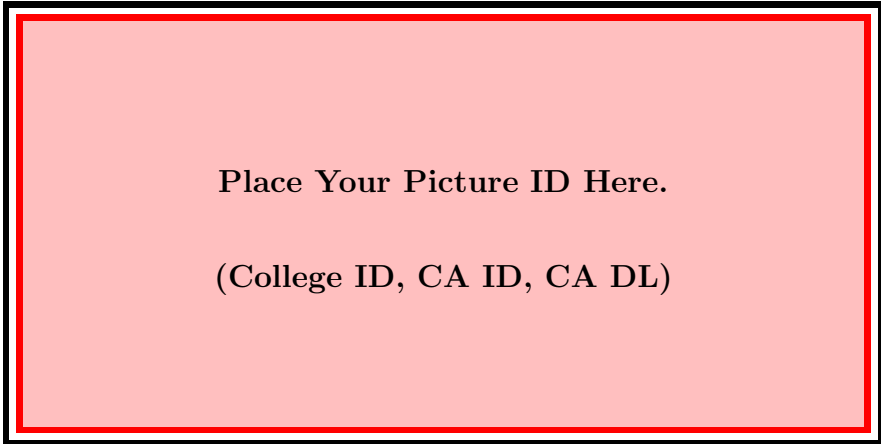
Your signature below acknowledges your understanding that you may be asked to meet me in person or via zoom during my office hours to discuss any matter or concern related to the class.

Your signature below acknowledges your understanding on how to submit any work in canvas.

Your signature below also acknowledges your commitment to spend an average of **6 – 8 hours per week** for mastering the course topics.

Student Signature: _____

Date: _____



A course syllabus is intended to point out important aspects of a course as well as it serves as a contract between the instructor and students enrolled in the class.

While I would like to emphasize and assure you that I will not deviate from all details stated in this course syllabus, I encourage you to communicate with me to avoid any kind of confusion.

I am fully committed and do not hesitate to demand excellence from you and I hope to prepare you in such a way that you can take on other challenges in your academic journey with great confidence.