

Mt. San Antonio College

Elementary Statistics

Math 110 CRN 20192 M W 3:30pm - 4:55pm 61-3406

Math 110 CRN 20197 M W 5:15pm - 6:40pm 61-3406

Math 110H CRN 20253 M W 7:00pm - 8:25pm 61-3406

<b>Instructor:</b>	Rahim Faradineh, Phone: 323-260-8129, email: rfaradineh@mtsac.edu
<b>Office Hours</b> <b>via Zoom:</b>	M T W 11:30AM – 1:00PM, Thursdays 4:30PM – 6:00PM
<b>Textbook*:</b>	Elementary Statistics, 2nd CA Edition by Triola
<b>Materials:</b>	TI-83 or TI-84 Graphing Calculator & Internet access with printer
<b>Prerequisites:</b>	Math 71, or Mathematics department Placement Process

**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) .....	1.00 hour
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Chapter 4 .....	5.50 hours
Chapter 5 .....	3.50 hours
Chapter 6 .....	1.75 hours
Exam II (Study Guides 1-19) .....	1.25 hours
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Chapter 6 .....	3.75 hours
Chapter 7 .....	3.50 hours
Chapter 8 .....	4.50 hours
Exam III (Study Guides 1-28) .....	1.50 hours
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Chapter 9 .....	4.50 hours
Chapter 10 .....	1.25 hours
Chapter 11 .....	1.25 hours
Chapter 12 .....	1.25 hours
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Final Exam (Study Guides 1-36) .....	2.50 hours
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\*This book is the department recommended book for this course, however purchasing it is 100% optional.

## **Course Objectives:**

A comprehensive list of course objectives is available at [www.mymathclasses.com](http://www.mymathclasses.com). Feel free to ask me any questions or concerns you may have regarding the course objective.

## **Communication Method:**

Outside of classroom interaction and posted office hours, E-mail will be the only official form of communication for this class. When e-mailing, type "Math 110, Your Name" in the subject line. It is your responsibility to make certain that you check your email that is assigned to you by the college. Please make sure that your email is brief and to the point, and do not use texting codes or symbols in your email.

## **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.

## **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.

## **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.

## 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.

## Important Dates:

Last Day To Add Or Drop Without Paying Fees: . September 3, 2021  
Last Day To Drop Without a “W”: ..... September 6, 2021  
Holiday- Campus Closed (Labor Day) ..... September 6, 2021  
Last Day To Drop With a “W”: ..... October 26, 2021  
Final Exam Week: ..... December 6–10, 2021

## Weighted Final Grade Distribution:

If Your Weighted Percentage Is Between, Then Your Grade Will Be

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90% & 100%, .....	A
80% & 89%, .....	B
70% & 79%, .....	C
55% & 69%, .....	D
0% & 54%, .....	F

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## Grading Distribution:

Activities	Percentage
Category I: Study Guides, Attendance, and Computer Projects ..	15%
Category II: Class and Online Quizzes .....	10%
Category III: Exams .....	45%
• 3–Class Exams (100 points each)	
Category IV: Final Exam .....	30%
• Final Exam (200 points)	

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## Calculator Requirement:

You are required to use the Texas Instruments 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
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## **Grading Policy & Progress Report**

- **There is no make up of any sort for any reason.**
- **This class requires computer assignments.**
- **All exams including final exam are cumulative.**
- **You must take all exams with the class that you are registered.**
- **If you score below 70% on the first exam, you must meet me in person to discuss your status in the class.**
- **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.**

### **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.

- Any cheating on regular exam will result to ZERO score for that exam.
- Cheating on the final exam will result to F grade for the the class.

**You must be prepared to provide a valid official picture ID at the time of in class exams upon request.**

### **Exam/Quiz Policy:**

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

- Expect to have a class quizzes online or in class meeting.
- All class exams of any sort begins and ends at certain time. Please refer to my website for more details.
- Dates for exams will be announced in class.
- You must take any form of exams with the class that you are officially enrolled in. Do not request a different time or date for any of these exams, such request will be denied.
- 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.

## **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. You will be dropped from this class due to lack of homework progress, you will be given a courtesy notice during a face-to-face meeting in an attempt to improve the situation. 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 in class exams. They will be collected for credit only if you are present in class and cannot be made up under any circumstances, so please do not ask for any deviation from this policy. Digital version of these study guides will not be accepted for credits under any circumstances.

## **Class Attendance Policy:**

Students are expected to attend classes regularly, arrive on time, and stay the entire period. A student who incurs an excessive number of absences beyond the number of units for this class may be dropped from the class at my discretion on a case by case basis. You will be given a courtesy notice during a face-to-face meeting in an attempt to improve the situation. If you miss any class time prior to the last day to add for the semester, you will be dropped from my class and your spot will be given to a student who wishes to add.

## **Classroom Rules & Expectations :**

- Come to class on time, and do not leave early.
- No frequent trips in and out of the classroom.
- No text/chat messaging. You will be asked to leave, no exceptions.

## **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.

## **Personal Note:**

I would like to welcome you to my class. While I will give you every opportunity to succeed but you will find me to be strict, disciplined and demanding in what I do, and all I ask you in return is that you show your commitment to learn and your willingness to demand excellence from yourself. I hope to prepare you in such a way that you can take on other challenges in your academic journey with great confidence.

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<p><b>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. I would like to emphasize and assure you that I will not deviate from all details stated in this course syllabus. If you have any question or concern, feel free to ask me anytime during the semester.</b></p>
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