

## Math 103- Statistics #2581

Late-Start course

Lecture

TTH (2/8 – 5/24)

3:30 – 5:45 pm

OC 3509

Dear Math 103 Student,

MiraCosta College had hoped to welcome students back onto our campuses for the start of the Spring 2022 semester—however, to curb the spread and mitigate the impact of the highly contagious variant, the majority of classes\* will temporarily transition to an online format. Remote instruction will extend through February 21 for on-ground and hybrid courses (scheduled online courses, will proceed online).

Following Presidents' Day weekend, if the peak has passed and the indicators look good, students enrolled in on-ground and hybrid courses will resume instruction face-to-face as of February 22.

Welcome to your Spring Semester math class! I am looking forward to getting to know each of you throughout the duration of our class. Please be sure the school is updated with your current information.

There are a few things that I would like to make sure are clear to everyone. Please note that your class materials (including e-book) are online, and your instruction is delivered in-person on the Oceanside campus for the Spring 2022 semester. We will be meeting in Room OC 3509. Below is a summary of required assignments for this semester:

	Homework Assignment	Chapter Quizzes	Projects	Midterm	Final Exam
Submitted	Online (MyOpenMath)	Online (MyOpenMath)	Online/outside of class	Taken during class-time	Taken during class-time
Frequency	Due Weekly	3 quizzes	1 project	2 tests	1 (of course)
Number of Attempts	No Limit (on or before the due date)	2 total attempts on or before due date	1 attempt on or before due date	1 attempt on test date only!	1 attempt on Final Exam date only!
≈ Total % of Final Course Grade	20%	30%	10%	20%	20%

While I can help you with any content related questions or class procedure related questions, technical questions (related to your computer) need to be sent to the [Student Help Desk](#) for MiraCosta College. You can contact the [Student Help Desk](#) by email, phone [760-796-6655 or 888-201-8480 x 6655], or visit their [webpage](#).

Best of luck in this class!

- Mr. Zyburt

## Instructor Information

Joe Zyburt

[jzyburt@miracosta.edu](mailto:jzyburt@miracosta.edu)

<http://www.miracosta.edu/home/jzyburt/>

## Student Learning Outcome

For a given set of problems the student will demonstrate quantitative reasoning by developing a problem-solving strategy, performing appropriate analysis and computation, and critically assessing the meaning of the conclusion or outcome.

## Core Competencies

Intellectual And Practical Skills, including

- Critical thinking (Math 103/103S only)
- Quantitative literacy and problem solving

Will be practiced extensively across the curriculum in the context of progressively more challenging problems, projects, and standards for performance

## Course Description and Scope

This course introduces data analysis. Topics include design of experiments, descriptive statistics, correlation and regression, probability, sampling, estimation, and significance testing. Students use appropriate technology to analyze real-world data.

## Prerequisite

MATH 64 with a grade of "C" or better or qualification through the Math Competency Exam or approved equivalent.

## Course Materials

**Required Text:** The textbook for this course is free. It is Kathryn Kozak's *Statistics Using Technology*. Links to this e-book will be available in Canvas. It can also be read on-line or downloaded from this website:

<http://www.opentextbookstore.com/details.php?id=21> (Links to an external site.)

A printed copy is not necessary but can be purchased for about \$27 from this website, if desired. (Click on the "order" tab)

**Calculator:** The Math department recommends the TI-84 for this course. You may rent it from <http://www.graphstor.com> for \$30 for the semester. You may also use Desmos app for free <https://www.desmos.com/calculator>. Another free app is **Wabbitemu**

<https://www.ti84calcwiz.com/how-to-use-wabbitemu-a-free-ti-84-emulator/>

**Statistical Applications:** We will utilize online statistical apps as well as Google Sheets to analyze data. This is REQUIRED.

## Important Dates

Class Duration	1st day of Instruction	Last day of Instruction	Add Deadline	Deadline to drop class with no record & receive refund	Deadline to file for Pass/No Pass grading option	Deadline to drop with a "W" grade (withdraw)
Late-Start 2/8 – 5/24	2/8	5/24	2/17	2/17	3/9	4/30

## Student Resources

**Math Learning Center:** The MLC is open to all math students at MiraCosta College and provides free tutoring (both drop-in and scheduled appointments) in Mathematics. For all hours, appointment availability, and other information, please check out the MLC website: <http://www.miracosta.edu/mlc>

**Nordson STEM Center:**

<https://www.miracosta.edu/student-services/stem/index.html>

**Online Academic Support Resources for ALL Students:**

[Online Academic Support and Tutoring](#) and the [24x7 online ask-a-librarian service](#). These services are open to all MiraCosta students in any class!

**Academic Accommodations:**

If you have a disability or medical condition impacting learning and have not yet been authorized to receive academic accommodations, you're encouraged to contact the [Student Accessibility Services \(SAS\)](#) office (formerly known as Disabled Students Programs and Services or DSPS). The SAS office can be reached at (760) 795-6658, or [sas@miracosta.edu](mailto:sas@miracosta.edu). The SAS office will help you determine what accommodations are available for you. If you are requesting my assistance utilizing any authorized accommodations, please contact me as soon as possible.

**AB 540 & DACA Students:**

Access information about resources for AB 540, DACA, Undocumented and Mixed Status Students such as application procedures and the on-campus UndocuAlly program. [UPRISE](#)

**Campus Assessment, Resources, and Education (CARE) Program:** It can be difficult to be present and maintain focus if you have challenges meeting basic needs like a place to live, access to food, consistent transportation, and more. These challenges may impact your personal and academic success and we are here to help. Our Campus Assessment, Resources, and Education (CARE) Department aids with finding resources on and off campus to meet those basic needs. I urge you to speak with me so that I may submit a CARE referral on your behalf. You may also visit <http://www.miracosta.edu/CARE> or contact [care@miracosta.edu](mailto:care@miracosta.edu) for further support, resources, or information.

[Student Support Services](#)

**LGBTQIA Safe Space Program:** MiraCosta College has an expressed commitment to equity and inclusion for students, faculty, and staff members who are lesbian, gay, bisexual, transgender, queer, questioning, intersex, and asexual. The district employs a Campus Liaison for LGBTQIA+ Needs, offers LGBTQIA Safe Space training, and has multiple student scholarships for members and active allies of the LGBTQIA+ community. For information about these and additional campus resources and services visit [LGBTQIA](#) or contact the LGBTQIA needs at (760) 795-6460.

**Veteran Services:** The Veterans Education Office, located in Building 3300, helps veterans and dependents wishing to use their educational benefits at MiraCosta College.

The Veterans Information Center, located in Building T-100, provides a place for students to find resources on VA educational benefits, MiraCosta Student Services, and community organizations that are dedicated to assisting veterans. The center also provides a place for students to relax, study, and meet with friends. The Veteran Peer Advisors are also available. Resources are available on a variety of issues, including employment, counseling, housing, and healthcare.

Oceanside Campus [Veteran Services](#)

3300 Building: P 760.757.2121 x6285

T100 Building: P 760.757.2121 x6981

**Counseling Services:** The Counseling Center offers individualized academic, career, and personal counseling to assist both prospective and current students in developing their educational programs, coordinating their career and academic goals, and understanding graduation, major, certificate, and transfer requirements. Students can use online resources here [Counseling Services](#)

As a student in these challenging times, there may be times when personal stressors interfere with your academic performance and/or negatively impact your daily life. Please know that MiraCosta College Health Services offers personal counseling sessions. For a session, call 760-795-6675 or visit the [Health Services website](#). There is no additional fee for these sessions for credit students, and the content of the sessions is confidential.

**Wonderful, Free, Available Resources:** There are many free resources available for you on campus to assist you with your education:

[Food pantry](#)

[Health Services](#)

[Textbook loan program](#)

**Wonderful, Supportive Clubs and/or Organizations:** Joining a [Club](#) or organization is a fun and instrumental part of your college education. Here are some of the clubs and organizations to check out:

[Puente](#)

[Umoja](#)

[RAFFY \(Former Foster Youth\)](#) and many more

## Academic Integrity

MiraCosta College highly values academic integrity. At the core, this means an honest representation of one's own work. Please ask me for clarification of any specific behavior.

Examples of academic dishonesty include but are not limited to:

Cheating: Copying from another student or using unauthorized aids during an examination.

Plagiarizing: Copying someone else's work or ideas and misrepresenting them as one's own.

Falsification: Making up fictitious information and presenting it as real or altering records for the purpose of misrepresentation.

Facilitation: Helping another student to cheat, plagiarize, or falsify.

Students found cheating on any Quiz, Unit Test, or Final Exam will receive a zero (0 points = 0%) on that assignment and will not have the ability to drop that score in consideration to the Final Course Grade, not be able to re-take the assessment, or not be allowed to make-up the assignment later.

## Instructor Drop Policy

Students may be dropped (up until the last day to drop that class) for the following reasons:

- Non-attendance
  - Missing two different Chapter Quizzes and/or Unit Tests may cause you to be dropped from the class without the possibility of being reinstated if the drop deadline has not yet passed.
- Students are responsible for dropping themselves from this class. Do NOT rely on your instructor to drop you if you no longer wish to be in the class.

**Note: If you miss a Quiz, Unit Test, or Final you will automatically receive a zero on it and that zero will be averaged into your grade in the class.**

## Incomplete Grade

Students seeking an "Incomplete" grade must consult with me no later than the week prior to finals (5/16). Incompletes will only be considered for unforeseeable, emergency, and justifiable reasons at the end of the term, and only upon agreement of conditions for completing coursework.

## Internet Access and Harassment

Parts of this class are conducted on the Internet, MiraCosta College supports academic freedom, and consequently, there are no filters or other controls placed upon access to electronic content, either on the Internet or otherwise. If you should find yourself subjected to offensive content, either sexual or otherwise, you should inform your instructor of this situation at the first opportunity.

## Homework Procedure

Homework assignments can be found in your Canvas online materials. These homework items are found in the 'Assignments' or 'Modules' area and are grouped based on Chapter Modules. **The due date for all homework assignments is on Saturdays and can be found on the calendar handout.** Please do not wait to complete these assignments. These are meant for you to **begin immediately** and **then complete the entire Chapter Module assignments on or before the due date.** Homework assignments must be completed by the due date. You have an unlimited number of attempts on or before the due date for each assignment. *You may complete an assignment after the due date up to three days from the due date, however you will be penalized 50% of the points earned.* Be careful when attempting an assignment after the due date. You must use a "Late Pass" to be able to attempt the assignment during the three-day late period. If you do not do this and/or attempt the assignment in another manner after the due date, then the assignment will be in Review Mode. While in Review Mode, you will not earn any credit. **You will know if you are in Review Mode since this will be posted in bright red letters at the top of the page.**

## Quiz Procedure

Once you have completed all homework assignments for a particular Quiz, you then attempt the Quiz. Each Quiz can be taken a **maximum of Two times**. So, be ready and prepared. Quizzes can be found in your online Canvas materials. Please pay attention to the **date and time** that each Quiz is due. If you choose to wait until the day that a Quiz is due, pay special attention to the **time** that it is due. Each quiz is due at **11:59 pm** on the specified due date. **The Quiz will automatically close at 11:59 pm whether you are done or not. All quizzes are timed at 90 minutes or 1.5 hours.** This means once you begin the quiz, you will have exactly 1.5 hours to complete all questions and submit it. There is no pause button so that you can go to the bathroom or answer a phone call. Please allow yourself enough time to complete the quiz. *You may complete a quiz after the due date up to three days from the due date, however you will be penalized 50% of the points earned.* Be careful when attempting a quiz after the due date. You must use a "Late Pass" to be able to attempt the quiz during the three-day late period. If you do not do this and/or attempt the quiz in another manner after the due date, then the quiz will be in Review Mode. While in Review Mode, you will not earn any credit. **You will know if you are in Review Mode since this will be posted in bright red letters at the top of the page. Failure to take a Quiz will result in a zero for that Quiz.**

## Midterms and the Final Exam Procedure

Midterms and the Final Exam will be taken in class during our scheduled class time on the dates posted in the course calendar. Each Midterm/Final Exam can be taken a maximum of ONE time. So, be ready and prepared. Midterm/Final Exam Study Guides can be found in your online Canvas materials.

## Extra-Credit Assignments

There are several extra-credit opportunities throughout the semester. All of these are online and labeled with an "EC" prior to the title of the assignment. Many are just extensions of topics "covered" throughout the semester and are due at the same date and time as the Chapter Module assignments in which it is located. You can view which "EC" assignments count towards which category by selecting the "assignments" link in Canvas.

## Assessment Schedule for Math 103 #2581 (Spring 2022)

These dates represent the last day that you may take a particular assessment. Do NOT wait until the last minute to take any assessment. You should take all assessments before their deadlines.

Each Unit Test and Final Exam may only be attempted **once**.

Each Quiz may be attempted **Twice**.

Each Homework Assignment may be attempted **unlimited** times.

Section	Midterm #1	Midterm #2	Final Exam
#2581 (Late Start) 2/8 – 5/24	3/3	4/14	5/24

	Material Covered on Assessment	Due Dates
<b>Quiz #1*</b>	1.1, 2.1, 2.2, 2.3	2/20
<b>Midterm #1</b>	1.1, Ch2, Ch3, 4.1, 4.2	3/3
<b>Quiz #2*</b>	4.4, Ch5, 6.1	3/27
<b>Midterm #2</b>	1.2 – 1.4, 4.4, Ch5, Ch6, Ch7	4/14
<b>Quiz #3*</b>	8.1 – 9.4	5/8
<b>Project</b>	Cumulative	5/17
<b>Final Exam</b>	Cumulative	5/24

\* Students are allowed two attempts for each quiz. The attempts need to be completed prior to the due date and time. The end time for each quiz is 11:59 pm on the stated date.

### Grading Scale

The grades will be calculated as the weighted percentage of the total points possible in each category:

**A=90% - 100%, B=80% - 89%, C=70% - 79%, D=60% - 69%, F=Below 60%**

<b>Homework</b>	20%
<b>Quizzes</b>	30%
<b>Projects</b>	10%
<b>Midterm Exam</b>	20%
<b>Final Exam</b>	20%

To Calculate your Final Grade:

$(\text{Homework } \%) (.20) + (\text{Quizzes } \%) (.30) + (\text{Projects } \%) (.10) + (\text{Midterm } \%) (.20) + (\text{Final Exam } \%) (.20) = \text{Final Course Grade}$