

Math 103- Statistics #3043

Lecture (1/22 – 5/18)

16-week course

MW 3:30 – 5:20 pm

OC 3507

Dear Math 103 Student,

Welcome to your Spring Semester math class! I'm looking forward to getting to know each of you throughout the duration of your 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 while your class materials (including e-book) are online and your instruction is delivered in class, some items will be submitted online through Canvas (MyOpenMath). Please refer to the chart below:

	Homework Assignment	Chapter Quizzes	Projects	Midterm	Final Exam
Submitted	Online (MyOpenMath)	Online (MyOpenMath)	Online/ in-class	Taken in class	Taken in class
Frequency	14 assignments	2 quizzes	3 projects	1 test	1 (of course)
Number of Attempts	No Limit (on or before the due date)	1 total attempt on or before due date	1 attempt for each project on or before due date	1 attempt on test date only!	1 attempt only on Final Exam date only!
≈ Total % of Final Course Grade	20%	10%	20%	25%	25%

You do not need to own a computer to take this class. You can use the computers in the [Math Learning Center \(MLC\)](#) [Oceanside Campus room 1215 or San Elijo Campus room 103] to do all of you online class work.

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](http://www.miracosta.edu/studentservices/studenthelp/) [http://www.miracosta.edu/studentservices/studenthelp/].

Best of luck in this class!

- Mr. Zyburt

Instructor Information

Name:

Joe Zyburt

jzyburt@miracosta.edu

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

Office Hours:

Online: Tuesdays and Thursdays 4pm-5pm in the class materials

On Campus: TBD

Student Learning Outcome

1. Give an appropriate descriptive summary, including the shape, center, spread and outliers of the distribution, from a set of raw data.
2. Analyze the relationship between two variables using the scatterplot, correlation coefficient, and the least squares regression line.
3. Student will be able to use the normal distribution to find approximate solutions to problems about sample means and sample proportions.

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: Introductory Statistics, by Illowsky and Dean (OpenStax), 2017 Rice University. This is a FREE etextbook available as an interactive webpage, downloadable pdf, downloadable iBook, or print copy (available through OpenStax or our bookstore).

Calculator: A TI-83 (or +) or TI-84 (or +) graphing calculator is REQUIRED. All other electronic devices (including cell phones) may not be used on exams.

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)
16-week 1/22 – 5/18	1/22	5/18	2/2	2/2	2/26	4/26

Attendance (Instructor Drop Policy)

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

- Non-attendance
 - Not attending the first class meeting.
 - Missing or failing to complete two different Quizzes, Projects, and/or Tests may cause you to be dropped from the class without the possibility of being reinstated if the drop deadline has not yet passed.
 - Excessive unexcused absences, that is, more than 8 hours of missed class time.
- 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 or fail to complete a Quiz, Test, or Project by the due date you will initially receive a zero on the assignment. You may complete a quiz after the due for half-credit within one week of the due date. You will be allowed to complete a missed Midterm Exam within one week. The student must contact the instructor as soon as possible to arrange. This make-up Midterm will be completed in the Math Learning Center utilizing their posted hours of operation and codes of conduct. Projects may be submitted after the due date (only online) and will be penalized 5 points for each day after the due date.

American Disability Act

Students with disabilities, whether physical, learning, or psychological, who believe that they may need accommodations in this class, are encouraged to contact Disabled Students Programs & Services as soon as possible to ensure that such accommodations are implemented in a timely manner. Their phone number is 795-6658 and they are located in Building 3000-Student Services, Room 3009, adjacent to Parking lot 3C.

Required Materials

1. Notebook

Students are expected to keep an organized notebook that includes all notes of the lectures as well as all work (neat and legible) of homework and quiz problems. Students must submit online (through Canvas) their step-by-step solutions for each homework assignment and each quiz. These can be submitted by cell phone picture, video, or scanning in the work.

2. Calculator

Math 103: A graphing calculator (TI-83 and TI-84 are highly suggested) is needed for this course.

3. Textbook = Print copy not required

THIS CLASS DOES NOT REQUIRE A HARDCOPY TEXTBOOK. Please note that your online class materials (Canvas) contains the eBook for the class. If you do not like to read eBooks (or if want a hardcopy of the eBook to read at the beach or elsewhere), you might choose to purchase a hardcopy of the textbook from the bookstore. To save money, you could even purchase a similar version of the hardcopy book and match the content to your eBook. Whether or not you choose to purchase a hardcopy book.

College Support Services

The Tutoring and Academic Support Center (TASC) and the Writing Center (WC) assist students by providing individual and group tutoring, WC drop-ins, learning communities, self-help materials, and student success workshops. Services are free and available to all students during day and evening hours at all MiraCosta College campuses. I recommend that you take advantage of these academic support services. For more specific information, please call (760) 795-6682.

Math Learning Center (MLC) OPEN Hours for this semester

The MLC is designed to help students in any MiraCosta mathematics class. Students are welcome to work on their homework in the MLC and ask questions when they get stuck on a problem. You can come by yourself or with your classmates.

MLC Information

	MLC Oceanside	MLC San Elijo
Location/Room	Bottom floor of the library at both campuses	
Phone Number	(760) 757-2121 ext. 6381	(760) 757-2121 ext. 7781
MLC Homepage	http://www.miracosta.edu/instruction/mathematics/mlc/index.html	

	Oceanside	San Elijo
Monday	8:00 am – 9:00 pm	9:00 am – 8:00 pm
Tuesday	8:00 am – 9:00 pm	9:00 am – 8:00 pm
Wednesday	8:00 am – 9:00 pm	9:00 am – 8:00 pm
Thursday	8:00 am – 9:00 pm	9:00 am – 8:00 pm
Friday	8:00 am – 3:00 pm	9:00 am – 3:00 pm
Saturday	noon – 5:00 pm	Closed

*These hours are subject to change. Please check in the MLC for any updated hours once the semester has begun

Library Resources

The MiraCosta College faculty librarians assist students with their research questions, whether academic or personal. Students may obtain assistance from librarians either one-on-one at the reference desk, through class orientations, group workshops, individual appointments, or online. I strongly encourage you to take advantage of library resources. More information regarding the library may be found at their webpage: www.miracosta.edu/library.

Resources

Tutoring and Academic Support	x6698 or x7748
Disabled Student Program and Services (DSPS)	x6658
Counseling	x6670
EOPS	x6680
Health Services	x6675 or x7747
Transfer Center	x6880/6580

Academic Integrity

MiraCosta College highly values academic integrity. At the core, this means an honest representation of one's own work. MiraCosta College also promotes the approach that education is best accomplished as a cooperative, collaborative enterprise: we want you to work with and learn from each other. The line between academic integrity and collaborative education is not always easy to define and may vary from one discipline to the next and from one instructor to the next. Many aspects of cheating and plagiarism are universally recognized, while others are subject to debate. This policy provides some broad and general guidelines. 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.

Remedies for violations of academic integrity may include a verbal warning, a lowered assignment grade, submission of an Academic Integrity Report to the office of the Vice President of Student Services or designee, or even a recommendation to the Vice President of Student Services for suspension from the class for repeated or egregious offenses. For more information, consult the MiraCosta College Catalog under Student Rights and Responsibilities (Administrative Procedure VIII.E.02.c).

****Students found cheating on any Quiz, Project, Test, or the Final Exam will receive a zero (0 points = 0%) on that particular 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 at a later date.****

Incomplete Grade

Students seeking an "Incomplete" grade must consult with me no later than the week prior to finals (5/14). 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

Some of this class is conducted in a computer classroom, where computers are connected to the Internet at all times, and has the ability to connect to a variety of peripheral devices. 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. While every effort is made to keep students on task while in this class, it is impossible to monitor every computer at all times. 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. You may choose to do your Homework assignments at home, at work, in the MLC, etc. When you feel that you have learned the material well enough (watching videos, reading the eBook, going through the Power Point slides, working out the examples, etc.), then, go to the 'Assignments' section and choose the Homework you need to do. 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 also must post to Canvas your work for the questions completed in the assignment. You may complete an assignment after the due date up to one week from the due date, however you will be penalized 50% of the points earned. Be careful when attempting a quiz or assignment after the due date. You must use a "Late Pass" to be able to attempt the quiz or assignment during the one-week later period. If you do not do this and/or attempt the quiz/assignment in another manner after the due date, then the quiz/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.

Please do the Homework assignments on your own because some of your other class assessments do not allow for use of books, notes, friends, etc.

Quiz Procedure

Quizzes can be taken in the MLC OR at home and can be found in your Canvas online materials.

Once you have completed all homework assignments for a particular Quiz, you then attempt the Quiz. Each Quiz can be taken a **maximum of ONE time**. 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, however if you are taking the quiz in the MLC you will be asked to leave at **8:45 pm** (Before the quiz closes). The Quiz will automatically close at 11:59 pm whether or not you are done. All quizzes are timed at 120 minutes or 2 hours. This means once you begin the quiz, you will have exactly 2 hours to complete each question 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. If you have any questions/problems/issues while taking a Quiz, please write it down as accurately as possible and then send me an e-mail ASAP. It is possible for me to 'correct' problems/issues that arise during a quiz AFTER the quiz has been submitted and graded. You also must post to Canvas your work for the questions completed in the quiz. You may complete a quiz after the due date up to one week 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 one-week later 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.

Extra-Credit Assignments

There are several extra-credit opportunities throughout the semester: 3 online assignments (F-distribution, multiple regression, and time series), practice Midterm Exam online, and a practice Final Exam online. The practice Midterm Exam and practice Final Exam provide extra-credit points towards both of those exams respectively, while the 'F-Distribution' assignment provides extra-credit towards homework, the 'Multiple Regression' towards projects, and the 'Time Series' towards quizzes.

Assessment Schedule for Math 103 #3043 (Spring 2018)

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 **once**.

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

Section	Midterm Exam	Final Exam
#3043 (16-week) 1/22 – 5/18	4/4	5/21 @ 4 pm

	Material Covered on Assessment	Due Dates
Project #1	Chapters 1,2, and 12	2/21
Quiz #1	Chapters 1-3	2/23*
Project #2	Chapters 3-6	3/28
Midterm Exam	Chapters 1-7, and 12	4/4
Project #3	Chapters 8-10	5/2
Quiz #2	Chapters 8-10	5/4*
Final Exam	Cumulative Exam = Chapters 1-13	5/21 @ 4 pm

* Students are allowed one attempt for each quiz. The attempt needs 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%

Homework	20%
Quizzes	10%
Projects	20%
Midterm Exam	25%
Final Exam	25%

To Calculate your Final Grade:

$(\text{Homework \%}) \cdot (.20) + (\text{Quizzes \%}) \cdot (.10) + (\text{Projects \%}) \cdot (.20) + (\text{Midterm \%}) \cdot (.25) + (\text{Final Exam \%}) \cdot (.25) = \text{Final Course Grade}$