

MATH 103 (1217)

ELEMENTARY STATISTICS

Meets: Monday and Wednesday

Time: 8:30AM-10:20AM

Room: OC3507

INSTRUCTOR CONTACT INFORMATION AND OFFICE HOURS

Instructor: Shannon Gracey

Phone: 760-757-2121 ext. 6306

e-mail: sgracey@miracosta.edu

website: www.mathchick.net

Office: OC 3622

Office Hours: Mondays and Wednesdays from 10:25AM-10:55AM, and Tuesdays and Thursdays from 11:50AM-12:20PM in room OC6322 or by appointment. To make an appointment, call or e-mail me using the contact info written above.

STUDENT LEARNING OUTCOMES

Upon successful completion of Math 103, the student should be able to:

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

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.

COURSE MATERIALS

Required Text: MyMathLab Access Code (see last page for enrollment information)

Optional Texts: Essentials of Statistics: 4th Edition, by Triola and Statistics Guided Notebook/For Use With Mario Triola's Essentials of Statistics, 4th Edition, by Shannon Gracey

Calculator: A TI-83 OR TI-84 graphing calculator is REQUIRED. Cell phone calculators *may not be used* on exams.

PREREQUISITES

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

QUESTIONS

Questions are an important part of the learning process. If you have a question, please feel free to ask me at any time! If you have a question, there are probably at least 5 other students with the same question. If I cannot answer your question immediately, I will come back to it ASAP.

ATTENDANCE & TARDIES

Each student is responsible for his/her registration in classes. Each student must attend the first class meeting or make arrangements with the instructor if he/she is going to be absent. Failure to attend the first class meeting or excessive unexcused absences, that is, more than 8 hours of missed class time, may result in a student being dropped from this class.

HOMEWORK

- Homework will be online via MyMathLab
- Due dates will be available through MyMathLab
- In order to be successful in this course, YOU MUST PRACTICE MATH PROBLEMS!!!

EXAMS AND QUIZZES

There will be 3 exams and 3 quizzes. Make-ups will be granted on a case-by-case basis. You may replace your lowest exam score if you choose to complete a project.

DISABLED STUDENTS PROGRAMS AND SERVICES (DSP&S)

DSPS provides programs and services for students with disabilities. MiraCosta College recommends that students with disabilities discuss academic accommodations with their professors during the first two weeks of class. This syllabus and course handouts are available in alternate media upon request.

TUTORING

The Tutoring & Academic Support Center (TASC) is committed to enhancing student retention and success by providing assistance to students through innovative academic support services. TASC offers a comprehensive, free peer tutoring program for any student enrolled in credit courses at MiraCosta College. Tutoring is available in the Library and Information HUB on the 1st Floor at the Oceanside campus and in the Math Center at both the Oceanside and San Elijo campuses.

BEHAVIOR

- **CHEATING ON ANY TEST OR QUIZ WILL EARN A GRADE OF F!!!**
PLAGIARISM (COPYING) OF OTHER PEOPLE'S WORK IS NOT ACCEPTABLE.
Any person caught doing this will get an F on the assignment or test in question and can also potentially be given a grade of F for the course and/or be referred to the college discipline process.
- During class your cell phone/pager should be off.
- If you know you need to leave class early, or if you arrive late, take a seat near the door.
- **RESPECT YOUR FELLOW STUDENTS AT ALL TIMES!!!**

GRADING

Exams (3).....	45%
QUIZZES (3).....	15%
HOMEWORK.....	15%
Final (CUMULATIVE).....	25%

A: 90%—100% B: 80%— 89% C: 70%— 79% D: 60%— 69% F: 59% and below
Final grades are left to the discretion of the instructor.

IMPORTANT DATES

Jan 14 Classes Begin

Jan 21 Martin Luther King, Jr. Day (Legal Holiday)

May 27 Memorial Day (Legal Holiday)

Jan 25 Last Day to Add Classes

Jan 25 *No "W" Deadline

Jan 28 First Census

Feb 14 **30% Pass/No Pass Deadline

Feb 15 Lincoln Day (Legal Holiday)

Feb 18 Washington Day (Legal Holiday)

Mar 11-16 Spring Break

Mar 15 Friday of Spring Break (Local Holiday)

Apr 19 ***75% Withdrawal Deadline

May 14-20 Final Exams

May 17 Commencement

* Last day to withdraw from classes without a "W"

** Last day for exercising pass/no pass option

*** Last day for exercising option to withdraw without an evaluative grade (A,B,C,D,F,Pass,No Pass)

GRACEY/MATH 103 TENTATIVE SPRING 2013 SCHEDULE

MONTH	MONDAY	TUESDAY	WEDNESDAY	THURSDAY
JANUARY	14	15	16	17
	Intro, 1.2-1.3		1.4-1.5	
JANUARY	21	22	23	24
	HOLIDAY		2.2-2.3	
JANUARY	28	29	30	31
	QUIZ 1/CH. 1 2.4-2.5		3.2, 3.3	
FEBRUARY	4	5	6	7
	3.3-3.4		REVIEW	
FEBRUARY	11	12	13	14
	EXAM 1/ CH. 2-3		4.2-4.3	
FEBRUARY	18	19	20	21
	HOLIDAY		4.4-4.5	
FEBRUARY	25	26	27	28
			QUIZ 2/CH. 4 5.3-5.4	
	4.6, 5.1, 5.2			
MARCH	4	5	6	7
	6.2-6.3		6.3, 6.5	
MARCH	11	12	13	14
	SPRING BREAK		SPRING BREAK	
MARCH	18	19	20	21
			EXAM 2/ CH. 5-6	
	REVIEW			
MARCH	25	26	27	28
	7.2		7.3	
APRIL	1	2	3	4
			QUIZ 3/CH. 7 8.2	
	7.4			
APRIL	8	9	10	11
	8.2, 8.3		8.3, 8.4	
APRIL	15	16	17	18
	8.4, 8.5		8.5, 9.2	
APRIL	22	23	24	25
	9.3, 9.4		9.4, REVIEW	
APRIL/MAY	29	30	1	2
	EXAM 3/CH. 8-9		10.2, 10.3	
MAY	6	7	8	9
	10.3, 11.2		11.3	
MAY	13	14	15	16
			FINAL EXAM (8-10AM)	
	REVIEW			
MAY	20			
	NO CLASS			

To register for MATH 103/SPRING 2013:

1. Go to pearsonmylabandmastering.com.
2. Under Register, click **Student**.
3. Enter your instructor's course ID: [gracey00673](#), and click **Continue**.
4. Sign in with an existing Pearson account or create an account:
 - If you have used a Pearson website (for example, MyITLab, Mastering, MyMathLab, or MyPsychLab), enter your Pearson username and password. Click **Sign In**.
 - If you do not have a Pearson account, click **Create**. Write down your new Pearson username and password to help you remember them.
5. Select an option to access your instructor's online course:
 - Use the access code that came with your textbook or that you purchased separately from the bookstore.
 - Buy access using a credit card or PayPal.
 - If available, get 17 days of temporary access. (Look for a link near the bottom of the page.)
6. Click **Go To Your Course** on the Confirmation page. Under MyLab / Mastering New Design on the left, click **MATH 103/SPRING 2013** to start your work.

Retaking or continuing a course?

If you are retaking this course or enrolling in another course with the same book, be sure to use your existing Pearson username and password. You will not need to pay again.

To sign in later:

1. Go to pearsonmylabandmastering.com.
2. Click **Sign In**.
3. Enter your Pearson account username and password. Click **Sign In**.
4. Under MyLab / Mastering New Design on the left, click **MATH 103/SPRING 2013** to start your work.

Additional Information

See **Students > Get Started** on the website for detailed instructions on registering with an access code, credit card, PayPal, or temporary access.