

MATH 227 ELEMENTARY STATISTICS

Instructor: Ms. L. K. Deutsch

Office Hours: M W 12:35 – 1:35 7:00 – 8:45 PM

Office & Office Phone: G5 111H 323-780-6735

Website: <http://faculty.elac.edu/deutschl/> or weheartmath.com (in progress)

Email: deutschl@elac.edu

Textbook: *Elementary Statistics*, 10th Edition (Custom Ed. for ELAC, Mario F. Triola ISBN: 0536-395-659) Note: for the online homework we use the 12th edition.

Required Supplement: T1-83 or T1-84 Graphing Calculator (Required) which can be used for homework assignments, quizzes, and tests or Casio Classpad. The calculator costs about \$90 - \$100 or you can borrow it from the math department for \$15 a semester or myti83.com for \$9/month.

Prerequisite: Satisfactory completion of Math 125 (Intermediate Algebra) or acceptable level of skill as demonstrated in the mathematics placement process.

Description: This course is an introduction to probability, measures of central tendency and dispersion, descriptive and inferential statistics including sampling, estimation, hypothesis testing, analysis of variance, chi-square and student's test, linear correlation and regression analysis are also presented as topics.

Attendance: Unlike most other courses, missing just one Statistics class will immediately place you at a disadvantage because it is difficult, if not impossible, to catch up on the missed material by yourself. Therefore, faithful, on time attendance at every class is expected. If you miss four or more class hours for any reason, you may be dropped from the course! You are considered late if I have finished taking roll and have started the day's lesson. If you are late, it is your responsibility to let me know after class that you are not absent. If you leave early the hours missed will added to the missed class hours for dropping purposes. Four tardies is equivalent to one absence for drop purposes.

Grades:

Tests: There will be five (5) 50-minute tests worth **55%** (best 4 out of 5) of your grade. Tests must be taken on the day indicated on the calendar. The lowest test grade will be dropped. **I do not give makeup tests or quizzes for any reason.** Please make work, vacation, appointments, and family arrangements now so as not to conflict with test dates. . All exams must be:

- i. Ordered properly with appropriate work shown if requested.
- ii. Legible
- iii. If pencil is used, than all apparent mistakes must be erased. Not scribbled over.
- iv. If pen is used, than all apparent mistakes must be covered with whiteout. Not scribbled over.

Failure to comply with these standards will result in a zero grade on that assignment.

Homework: Online homework is due for this class using the online platform MATHXL. See page on lab orientation. Homework is worth **15%** of your grade. You have unlimited attempts until the due date. You can submit homework late with a 10% penalty. Past the due date for late submission you are no longer able to make changes or submit

the homework. Since we are using the older text in class (edition 10) and the homework has edition 12 there are some of the corresponding topics are in different sections: HW 1.2 & 1.3 (old is 1.3 and 1.2), HW 3.4 (old 3.4 & 3.5) HW:4.6 & 4.7 (old edition 4.7 & 4.6), 6.6 & 6.7 (old edition 6.7 & 6.6), 7.3, 7.4 (old edition 7.3, 7.4, 7.5), 8.4, 8.5 (old edition 8.4, 8.5, 8.6). Also you get partial credit for completing parts of multiple part questions. When you get to some of chapter 8 and 9 you will need to use a graphing calculator or an online calculator to compute certain p-values that are not in the z table.

Quizzes: There are online quizzes (same platform as the homework) worth **10%** of your grade. The quizzes are open for one week and you get three attempts to complete the quiz and submit it prior to the due date. The quizzes are 40 minutes each. If you want to do the online assignments in the Math Lab it is now located in the K building. **No make-up quizzes are given.**

MATHXL: The approximate cost of MATHXL is \$60.50 for 6 month access (prices may vary) if you get the product directly from Pearson.

Final: Worth **20%** of your grade. The final will be comprehensive and will cover the basics of each chapter. **I will not give a final early or late** to accommodate vacations or any other special request. You must take the final in order to earn a passing grade in the class. Grade assignments will be made from the following table:
90-100 %: A 80-89%: B 70-79%: C 60-69%: D Below 60%: F

Grade Tracking: Keeping track of your grade average is your responsibility.

Class procedures:

- . Bring the textbook and a graphing calculator to every class
- . When solving problems, show all work, not just answers, in a logical sequence of mathematical steps (applies to board work, homework, tests and the final exam).
- . If you carry a cell phone, please turn the audio off before entering class. Texting and calls will be done during class breaks only.
- . Stay alert, take a lot of notes, and ask questions. Daily participation is expected.
- . **Please do not bring food into the classroom or chew gum.**
- . Be courteous and respectful of others. When others are speaking, it is your time to listen. Their question or my answer may have been what you were seeking to learn.

Note: Failure to comply with class rules will result in points being deducted from exams or being asked to leave. If you leave early or are asked to leave, it does count as an absence for that day.

How to succeed:

The class will be conducted as a dynamic learning environment whose value depends on your individual contribution and involvement. You cannot get back something better than what you put in. Consequently, your being able to do well in this course will depend upon the following:

- Showing up for class on a timely basis, being attentive, listening to lectures and to fellow students, taking notes, responding thoughtfully during class discussions and interactions, and by helping others. Mostly, being tuned in to what is happening (100% of your best)

- Do homework assigned with regularity. Though homework will not be collected until each exam, learning is achieved through regular, steady, faithful practice rather than through cramming.
- Don't quit. You miss 100% of the things you never attempt. Maintain an open channel of communication with your professor. Let me know how you are doing and how I can help you maximize your educational experiences.

Cheating: *As per the student conduct code: A student enrolling in one of the Los Angeles Community Colleges may rightfully expect that the faculty and administrators will maintain an environment in which there is freedom to learn. This requires that there be appropriate conditions and opportunities in the classroom and on the campus. Any form of dishonesty will not be tolerated. Do not give me reason to suspect you are cheating on an assignment. Any form of cheating on an assignment will earn an automatic F on that assignment.*

Disabilities: Students with disabilities, who need reasonable accommodations should promptly alert the instructor, then provide verification of disability to the Disabled Students Program located in E 1 160 or call (323) 265-8787 to make an appointment. If a student with a disability feels that accommodations offered are inappropriate or insufficient, she/he should seek the assistance of the DSP & S Coordinator and/or the Vice President of Student Services

Incompletes: I do not believe in giving an incomplete (I) grade, except for the severest reasons that are totally beyond your control. Just because you are not ready to take the final is not a good reason. Unless you drop this course you will receive a grade.

Note: The schedule/homework is subject to change at the discretion of the instructor.

Math Free Tutoring Services:

Free walk-in tutoring service is available to all students enrolled at ELAC. Please bring your student ID card to the lab. The tutoring lab is staffed by up to 5 tutors every hour. The tutoring lab has videos that would help you in mastering the subjects. The Math Tutoring Lab is located in the K building.

Student Learning Outcome for this course:

Given the mean and standard deviation of a normally distributed population, students will determine the continuous probability of a specific value. Students will also represent the probability using a density curve.

TUESDAY		THURSDAY	
	29-Aug		31-Aug
Intro & 1.2/1.3		1.4/2.2	
	5-Sep		7-Sep
2.3/2.4		3.2/3.3	
	12-Sep		14-Sep
3.4/3.5		Review and Chapter 1 - 3 Exam	
	19-Sep		21-Sep
4.2/4.3		4.4/4.5	
	26-Sep		28-Sep
4.7/5.2		5.3/5.4	
	3-Oct		5-Oct
Review		Chapter 4 & 5 Exam	
	10-Oct		12-Oct
6.2/6.3		6.4/6.5	
	17-Oct		19-Oct
6.6/7.2		7.3/7.4	
	24-Oct		26-Oct
7.5 & Review		Chapter 6 & 7 Exam	
	31-Oct		2-Nov
8.1/8.2		8.2/8.3	
	7-Nov		9-Nov
8.4/8.5		8.6 & Review	
	14-Nov		16-Nov
Chapter 8 Exam		9.1/9.2	
	21-Nov		23-Nov
9.3/9.4		Holiday	
	28-Nov		30-Nov
9.5/10.2		10.3 & Review	
	5-Dec		7-Dec
Chapter 9 & 10 Exam		Review for Final	
	12-Dec		14-Dec
Final 227 5 - 7			

* Subject to change at the discretion of the instructor

Sept 10 Drop Deadline #1

November 19 Drop Deadline #2



How to Register and Enroll in Your Course

Welcome to MathXL! Your instructor has set up a MathXL course for you.

The course name is: Math 227 Fall 2017

It is based on this textbook: *Triola: Elementary Statistics, 12e*

To join this course, you need to register for MathXL and then enroll in the course.

1. Registering for MathXL

Before you begin, make sure you have the access code that comes with your MathXL Access Kit.

To register or buy access, go to www.mathxl.com, click the **Student** button in the Register section, and then follow the instructions on the screen.

2. Enrolling in your instructor's course

After registering, log in to MathXL with your username and password. To enroll in this course, enter the following Course ID:

The Course ID for your course is: XL2J-914Y-7020-95F2

Need more help?

To view a complete set of instructions on registering and enrolling, go to www.mathxl.com and visit the Tours page.

Math Lab Student Orientation – Math 227 FALL 2016

To Login to F5 Computers (in the ELAC Main Campus)

Username: 88----- (Your student ID number)

Password: ElacMMDD (MMDD is your month and date of your birthday)

Instructions to access the online homework in MathXL from any computers:

Before you register in MathXL, you need to have the following items available:

- Valid email address
- MathXL Access Code
- Course ID number: $XL2J - 914Y - 7\emptyset 2\emptyset - 95F2$ (Pay attention to the “ \emptyset ” which is number zero and “O” which is letter “O”).
- To register in MathXL, follow the steps below:
- Go to <http://www.mathxl.com>
- Click Register
- Enter your MathXL Student Access Code (bundled with textbook or purchased separately) or purchase the access code from www.mathxl.com. You can also purchase the access code from Amazon.com or e-Bay.
- Enter your academic institution (East Los Angeles College). Zip code is 91754.
- Select the country United States.
- Create a login name and password for MathXL.

MathXL Tech Support at 1-800-677-6337 (8 a.m. – 5 p.m. CST Monday – Friday)

To do online homework and online quizzes:

- Click Login in <http://www.mathxl.com>
- Enter your username and password you created during the registration process.
- If you login the first time, choose the radio button “I am enrolled in a class which uses MathXL and I want to enroll in my instructor’s course”.
- Enter the course ID number (provided during the first day of class) The course ID for your course is: $XL2J - 914Y - 7\emptyset 2\emptyset - 95F2$
- Click Submit
- Run the browser check ONCE when you work from home computers and install the necessary software plugins in order to view the quizzes properly.
- To view your results, click *View Results* and then click *Homework*.

EAST LOS ANGELES COLLEGE POLICY ON ACADEMIC HONESTY

Approved February 28, 2006 by the Academic Senate and Vice President of Student Services

Students, you are expected to refrain from engaging in the following behaviors:

1. Using, receiving, or providing unauthorized information during tests or on any written assignments.
2. Changing answers on assignments after work has been graded.
3. Using unauthorized electronic devices, such as cell phones, PDAs, electronic dictionaries, IPODs, etc.
4. Having another student take an examination for you or taking an examination for another student. Photo identification may be required at the first examination.
5. Plagiarizing or presenting someone else's work as your own.
6. Forging or altering registration documents, grades, or add permits.
7. Bribing or attempting to bribe an instructor or other college official for grade consideration or other special favors.
8. Violating any other standard that an instructor identifies as cheating in that particular course or subject area.

When there is evidence of academic dishonesty, the instructor may issue the student a zero or "F" on that particular assignment or test. The instructor may also initiate student discipline under LACCD Board Rule 91101, which may include the issuance of a verbal or written warning. Pursuant to LACCD Board Rule 91101 .11(a), the Vice President of Student Services will place documentation of such warnings in the student's file.

Any student concerned about the implementation of this policy should review the College Catalog Student Information, where he/she will find references to the Student Grievance Procedure and the relevant Board Rules. He/she might also contact the Office of Student Services in EI-136 or the Ombudsperson at ombuds@elac.edu.

ELAC

Honesty.pol 1/06