

**East Los Angeles College --- Winter 2019**  
Department of Mathematics  
MATH 227(#10265)—Elementary Statistics (4 units)  
MTWTh 8:00am – 11:50am, Room G5-005

**Mandatory Supplemental Course:** If you are enrolled in this class, you must also enroll in Math 192 (Section #12284, MTWTh, 12:00 – 12:50pm, G5-005).

**Instructor:** Melanie Xie

**Office:** G5-111A

**Phone:** 323-415-4178

**Office Hours:** MTWR: 7:10am – 7:55am or by appointment

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**Website:** [www.weheartmath.com](http://www.weheartmath.com)

**Required Text and Tools:**

1. Text: “Elementary Statistics” by Mario Triola, Published by Pearson, 13<sup>th</sup> edition.
2. TI 84 or TI 83 Calculator is required. You are expected to bring the calculator to each class. We will go over the how to use the calculator in class, however, as the course is quite fast paced, you will need to use the calculator on your own in order to be successful in this course. If you choose not to use a version of the TI-84 or TI-83, please be warned that it may take you longer to complete assignments and exams and I will not be able to show you how to use your calculator. You will not be allowed to use cell phones as a calculator during any exam/quiz.
3. Formula Sheets and Table. You will need to get a complete copy of the formula sheets and tables to use for all quizzes/exams. There is a copy inside of new copies of the book. You may also print it on my website ([www.weheartmath.com/xie](http://www.weheartmath.com/xie)). If you want to be able to use a formula sheet and table on exams/quizzes, you must bring a copy with you. You will not be allowed to share formula sheets and tables.

**Course 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 t-distributions; linear correlation, and regression analysis are also presented as topics.

**Tutoring and additional help:** Tutors are available through the math lab which is located in G5-007. It is in your best interests to ask for help as soon as needed.

**Attendance:** Regular attendance is a requirement to remain enrolled. I expect you to attend the entire class, not to arrive late or leave early. Students are responsible for all announcements made in class regardless of their presence. Students are responsible for official withdraws from the class through admission office, if you stop attending it is still your responsibility to withdraw yourself from the class. If you do not withdraw yourself you may receive either a F or a W in the course, neither is a guaranteed. If you miss 2 or more classes during the semester, you may be dropped from the course for non-attendance.

**Classroom Behavior and Participation:** You are expected to arrive to class on time and be prepared. This means having your reading logs, your calculator, formula sheets and any other course handouts. Talking on a cell phone or checking messages is inappropriate at all times during class time. If your cell phone rings during class, your grade will be negatively affected. I expect you to show respect to your fellow classmates by not talking in class unless, of course, you have a question. If you choose to text during class you risk being asked to leave for the remainder of the class.

**Textbook Homework:** I will not collect textbook homework for credit. However, you should work on all odd numbered problems for practice. To be successful in the course, I strongly suggest keeping up with the practice homework and seeking help as soon as you need help.

**Textbook Reading Log:** You are expected to read the sections before you come to class. For each section, you will complete a reading log. Go to [www.weheartmath.com/xie](http://www.weheartmath.com/xie) to download the form. You will turn in the reading log for credit.

**Quizzes:** I will give daily quizzes (one or two quizzes per day). Problems on the quizzes will come from previous day's lectures I usually give quizzes at the beginning of the class. If you are late for the quiz, then you will have shorter time for the quiz. If you arrive after I collect the quiz, then you will receive 0 for that quiz. **No make up quizzes for any reason.**

**Exams:** Four exams are scheduled for the class (the dates are included on the tentative schedule). You are expected to take the exams on the scheduled date. **No make-up exams will be given for any reason.** If you miss one exam and document a verifiable emergency that physically prevented you from being in class, the grade on the final will be substituted for the grade on the missed exam. If you have taken all scheduled exams, you may substitute the grade on the final if it is higher, for the grade on the single lowest exam. If you miss 2 exams, you will have a grade of 0% for the second regardless of the reason. **Note:** no exams scores are dropped.

**NOTE:**

1. You will only be allowed to use a formula sheets and tables for the exams if you bring one.
2. Bring your own calculator to each exam (no sharing during exams)
3. You may be asked to move your seat at any time during the exams.
4. Any breach during an exam will be reported. Going into your bag, using a non-approved calculator, any talking, looking at another person's exam, passing a note, writing on your desk etc... cheating of any kind, will not be tolerated and will be immediately reported to the campus authorities

**Final Exam:** A cumulative final exam will be given during finals week, during the scheduled time slot. Everyone must take the final exam, no one is excused from the final exam.

**Grading:**

Exams (4).....	44%
Quizzes .....	23%
Reading Log.....	8%
Final .....	25%

**Grading System:**

- A: 90% - 100%
- B: 80% - 89.9%
- C: 70% - 79.9%
- D: 60% - 69.9%
- F: below 60%

**Course Learning Outcome (CLO):** 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.

**Compliance:**

Students with disabilities who need reasonable accommodation should promptly alert the instructor, then provide verification of disability to the Disabled Students Program located in E1-106 or call (323) 265-8787 to make an appointment. If a student with a disability feels that accommodations offered are inappropriate or insufficient, s/he should seek the assistance of the DSP&S Coordinator and/or the Vice President of Student Services.

**Important Dates:**

- Last Day to Drop classes without having to pay fee, without ‘W’ — Sunday, 01/06/2019
- Last Day to Drop classes with a ‘W’ --- Saturday, 01/26/2019
- Holidays: 01/21/2019

<b>Math 227 Tentative Schedule</b>				
	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>
<b>Week 1</b>			1/2/2019 Introduction Chapter 1	1/3/2019 2.1, 2.2, 2.3
<b>Week 2</b>	1/7/2019 3.1, 3.2, 3.3	1/8/2019 Review & Catch up 4.1, 4.2	1/9/2019 <b>Test #1</b> 4.3, 4.4	1/10/2019 5.1, 5.2, 5.3
<b>Week 3</b>	1/14/2019 6.1, 6.2 Review	<b>1/15/2019</b> <b>Test #2</b> 6.3, 6.4	1/16/2019 6.6, 7.1	1/17/2018 7.2, 7.3, 7.4
<b>Week 4</b>	Holiday	1/22/2019 8.1, 8.2 Review and Catch Up	1/23/2019 <b>Test #3</b> 8.3	1/24/2019 8.4, 9.1, 9.2
<b>Week 5</b>	1/28/2019 9.3, 10.1, 10.2	1/29/2018 <b>Test #4</b> 11.1	1/30/2019 12.1 Review	<b>1/31/2019</b> <b>Final</b>

Disclaimer: All information in this syllabus is subject to change, including, but not limited to lecture material and exam/quiz dates. All changes will be announced and students are responsible for knowing all changes.