East Los Angeles College --- Spring 2019
Department of Mathematics
MATH 227(#25356 & 25418)—Elementary Statistics – 4 units (Lecture + Lab)
Monday/Wednesday 9:00am – 11:35am, Room G5-003

Instructor: Melanie Xie

Office: G5-111A
Phone: 323-415-4178
Office Hours: MTWR: 7:55am – 8:55am
                 MW: 11:45 – 1:15pm
                 or by appointment

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Website: www.weheartmath.com

<u>Required Text and Tools</u>:

1. <u>Text</u>: "*Elementary Statistics*" by Mario Triola,   Published by Pearson, 12th edition or the 13th edition.

2. <u>TI 83 (or TI-83 Plus or the new TI 84 Plus) Calculator is required</u> (The TI 83 has specific statistical functions not found on other graphing calculators). 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 our time is limited, 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-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.   I will be assuming that you are using a version of the TI-83. You will not be allowed to use cell phones as a calculator during any exam
3. <u>Formula sheets</u> <u>and Tables.</u> You will need to get a complete copy of the formula card and tables to use for all exams. There is a copy inside of new copies of the book. You must make a copy of the formula card. If you want to be able to use a formula card and table on exams you must bring a copy with you. You will not be allowed to share formula card and tables.

Supplemental Instruction (SI): SI sessions are peer-facilitated study sessions. Inside an SI session, students engage in interactive study groups, discuss course content, learn and integrate study skills, participate in learning activities, and take mock exams.

Supplemental Instructions (SI)
SI Coach: Keshav Mishra   **Location: E7-210**
Email: mishrak3704@student.laccd.edu
SI Schedule:

<u>Tutoring and additional help</u>: Tutors are available through the math lab which is located in G5-009. There is drop-in tutoring. You may also email me for help. It is in your best interests to ask for help as soon as needed.

Objectives: Statistically describe sets of data , Apply basic laws of probability, Formulate a probability distribution, Formulate and test hypotheses testing of one, two, and more than two populations, Formulate and analyze point and interval estimates for parameters, Find the correlation between two variables and the linear regression equation describing the relation between the two variables.

Attendance: Regular attendance is a requirement to remain enrolled. I expect you to attend the entire class, not to arrive late or leave early. <u>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.</u>   **If you miss 2 or more classes during the semester, you may be dropped from the course for non-attendance.**

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 to download the form. You will turn in the reading log for credit.

Classroom Behavior and Participation: You are expected to arrive to class on time and be prepared. This means having your reading log, 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: Homework from your textbook will be assigned after each section, due day will be announced in class.
<u>Note:</u> In addition to completing homework problems, students are responsible for reading the text. The pace of the course is quite rapid, so it is in your best interests to be caught up with the schedule of assignments. You should plan on completing each assignment before the next section of material is covered. To be successful in the course, I strongly suggest keeping up with the homework and seeking help as soon as you need help.

Collected Work (Handouts): There will be some additional assignments, some done during class some done outside of class. Due dates and assignments will be announced in class. In-class work will only be accepted on the day the work is done in class (so if you miss that class you will receive zero credit for that assignment).

Quizzes: I will give weekly quizzes. Problems on the quizzes will come from previous day's lectures and assignments. 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 include 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, 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.
<u>NOTE:</u>
1. You will only be allowed to use a formula card 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 test.

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)..40%
          Quizzes 14%
          Homework (Textbook Hw/handouts)....,.................................14%
          Reading Log..7%
          Final 25%
          Extra Credit (25 SI hours)..2%
Note: In order to receive the 2% extra credit, you must complete 25 SI hours before the final. I do not give partial credit for this category.

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.

Class Behavior and Participation:
- You are expected to arrive to class on time and be prepared.
- Talking on a cell phone or checking messages is inappropriate at all time during class time. You are expected to turn off your cell phone or set it to silent.
- I expect you to show respect to your fellow classmates by not taking in class unless, of course, you have a question.
- Please do not bring food into the classroom, do not eat in the classroom.
- Please do not listen to music during class and do not put your headphones on your ears.

Failure to comply with class rules will result in points being deducted from exam or being asked to leave. If you are asked to leave early by the instructor, it does count as an absence.

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"— Monday, Feb. 18, 2019
- Last Day to Drop classes with a 'W' --- Sunday, May 05, 2019

	Math 227(MW) Tentative Schedule	
Week #	Monday	Wednesday
1	2/4/2019 Introduction, 1.2, 1.3	2/6/2019 1.4, 2.2
2	2/11/2019 2.3, 2.4	2/13/2019 3.2, 3.3
3	2/18/2019 Holiday (President Day)	2/20/2019 3.4, Review
4	**2/25/2019** **Test #1**	2/27/2019 4.2, 4.3
5	3/4/2019 4.4, 4.5	3/6/2019 4.5, 4.6
6	3/11/2019 5.2, 5.3	3/13/2019 5.3, 5.4
7	3/18/2019 5.5, 6.2	3/20/2019 6.3, 6.4
8	3/25/2019 6.5, Review	**3/27/2019** **Test #2**
	04/01 Holiday (Cesar Chavez)	
9	4/8/2019 6.7, 7.2	4/10/2019 7.2, 7.3
10	4/15/2019 7.4	4/17/2019 8.2
11	4/22/2019 8.3, 8.4	8.5, Review
12	**4/29/2019** **Test #3**	5/1/2019 9.2, 9.3
13	5/6/2019 9.4	5/8/2019 10.2, 10.3
14	5/13/2019 11.2	5/15/2019 12.2, Review
15	**5/20/2019** **Test #4**	Review for Final
Final Exam	**05/27** **Holiday (Memorial Day)**	
Final Exam	**06/03** **Math 227(MW) Final** **9:30 - 11:30am**	

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.