

West Los Angeles College – Spring 2015
Math 227 –Statistics (section #4962/4 units)
W: 5:45pm – 7:50pm, Room: MSA 102

Instructor: Junko Forbes

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Prerequisite: Completion of Math 125 or 128 with a grade of C or better, or equivalent.

Textbook: Elementary Statistics, California 2nd edition by Mario Triola

This text was written with the assumption that it would be read! It is expected that you will read each section carefully and in detail prior to each class meeting in order to gain a basic understanding of the ideas that will be discussed. Do not assume that I will "regurgitate" the text during class lecture; some of the information you need in this course will not necessarily be discussed or presented in class.

Calculator: TI-84 graphing calculator is REQUIRED. You are expected to bring this calculator to class every day. You may NOT use a cell phone or any other item that contains a calculator for tests. Calculators MAY NOT be shared for exams.

Course Description:

An introductory course in statistics to include: the calculation of basic statistics, frequency distributions and graphs, descriptive measures, introduction to probability, sampling theory, confidence intervals, hypothesis testing, two sample procedures, analysis of variance (ANOVA), regression analysis, categorical data analysis, nonparametric methods, and use of statistical computer software. The methods of instruction in this class will be lecture, discussion, and group learning. You are expected to take an active role in this learning process. You are responsible for all information covered in class. Taking notes in a math notebook on concepts and examples is necessary! We will cover essentially the entire book.

*** This is a fast paced course requiring at least three hours outside class for every unit of class. i.e. that is at least 12 hours a week in addition since this class is a 4 unit course. You will need it. Plan for it in your schedule.**

Attendance:

Attendance will be taken every class session. You are expected to be present and on time at every class meeting and to actively participate. Taking this class seriously is the first step to your success. 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 without coordinating with me before class, you will also be marked absent. All students are solely responsible for material missed as a result of absences. If you missed a class, it is your responsibility to catch up with the material you missed. I encourage you to exchange phone numbers with some other students in the class so that you will be able to phone each other regarding questions and/or class absences. If, due to unforeseen emergencies, I do not arrive at the scheduled start time for class, you are to remain in class for fifteen minutes. After that time, you may leave with no penalty for absence or assigned work due for that class meeting. Students who engage in disruptive behavior (which includes but is not limited to talking, emotional outbursts, listening to iPods, having cell phones and other communication devices out during class, reading materials other than classroom text, and cheating of any means) may be asked to leave class for the day. Students who are excessively absent (more than 3 classes) may be dropped from the class. However, **it is ultimately the students' responsibility to withdraw themselves from the class through the Admissions Office if they wish to be withdrawn.** Don't just stop coming to class and assume the instructor will drop you.

Online Homework and Quizzes:

Each assignment and quiz has a specific due date. The work you need to do to complete your online homework and quizzes should be neatly written in your notebook. The notebook will NOT be collected. Late homework is not accepted for any reason. You have unlimited attempts for each homework assignment and only the highest score gets recorded. You have 3 attempts for each quiz and only the highest score will be used to calculate your grade.

Exams Prior To Final Exam:

There will be 3 exams given prior to the final exam. All exams are closed notes and books. **No make-up exams, no retakes, and no drop of scores** will be given for any reason but your final exam percentage will replace your lowest score if it is higher. Contact me immediately if you miss an exam. *Tentative* exam dates are noted on the Class Schedule at the end of this syllabus. Make sure to bring pencils, an eraser, and a graphing calculator. You are not allowed to use a pen on exams.

Formula cards and tables: You will be provided a copy of the formula sheet on exams. Instructions for a graphing calculator will NOT be given on exams. It is your responsibility to practice your calculator and how to work it.

Final Examination:

The final examination will be comprehensive. Any material covered during the course is fair game for testing. Failure to take the final exam in its entirety will result in a grade F for the course. The final must be taken in order to pass this class. Do not plan vacations that will require missing this day and time – no exceptions can be given.

Grade Tracking:

It is your responsibility to check their grades in the gradebook on MyStatLab website site for accuracy. You must notify your instructor if there are mistakes in the gradebook.

Grading Policy:

Online Homework	52 pts	90% ≤ A ≤ 100%
Online Quizzes (4*12 chapters)	48 pts	80% ≤ B < 90%
Exams (3 * 100 pts)	300 pts	70% ≤ C < 80%
Final Exam	200 pts	60% ≤ D < 70%
	600 pts	F < 60%

Academic Honesty Policy:

Students are bound by the Code of Academic Conduct that addresses issues of academic dishonesty, cheating and student behavior. If you are caught cheating on an exam, you will receive a grade of zero for that exam and the incident will be reported and become part of your permanent record. Any behavior that could be interpreted as disruptive to the class learning environment will result in the instructor filing a student misconduct report. Using extreme foul language is an example of such behavior.

ADA Statement:

If you have a disability and might need accommodations in this class, please contact Disabled Student Program & Services (DSP&S) in Building SSB 320 | (310) 287-4450 as soon as possible to ensure that you receive the accommodations in a timely manner. You MUST also discuss your need or accommodations with me. IT IS YOUR RESPONSIBILITY TO MAKE SURE THE DSP&S OFFICE HAS YOUR EXAM BEFORE THE TEST DATE!

Student Learning Outcomes:

The following institutional STUDENT LEARNING OUTCOMES (SLOs) will be evident throughout the course:

A. Critical Thinking: Analyze problems by differentiating fact from opinions, using evidence, and using sound reasoning to specify multiple solutions and their consequences,

B. Communication: Effectively communicate thought in a clear, well-organized manner to persuade, inform, and convey ideas in academic, work, family and community settings, and

C. Quantitative Reasoning: Identify, analyze, and solve problems that are quantitative in nature.

F. Technical Competence: Utilize the appropriate technology effectively for informational, academic, personal, and professional needs.

Important Dates:

- Last day to ADD a class in person, Friday, February 20, 2015
- Last day to DROP for a refund, Friday, February 20, 2015
- Last day to DROP without notification on record, Friday, February 20, 2015
- Last day to DROP with a "W," Friday, May 8, 2015