MATH 225 SYLLABUS
Spring 2009

Class meeting time and place:  Wednesday, 6:45- 9:55  MS 111

Instructor:  Andrea Nemeth
E-mail:  andrea.nemeth.898@csun.edu
Website: www.csun.edu/~an73773

Student drop in hours:  Wednesday, 6:00PM-6:45PM, and after class in MS 111.


Calculators:  A graphing calculator is essential, preferably a TI-83 model. If you don’t have one and don’t want to buy one, you can rent one from  www.myti83.com or  www.ti83calculator.com

Class Format:  Lectures and in-class activities will be used to present the material. This is an active learning course. In this class you will need to participate in In-Class Activities.

Topics covered:  Topics include measures of central tendency, measures of dispersion, graphical techniques, measures of relative position, probability, hypothesis testing, sampling, estimation, correlation, prediction, linear regression, collection and analysis of data and how inferences about a population are made from samples. Identifying, understanding strengths and weaknesses of different experiment designs, knowing the important characteristics of a controlled experiment. (See last page for more specific student learning outcomes.)
We will cover most parts in the first 11 chapters in the book, and Chapter 12 if time permits.

Prerequisite for the course:  Math 125—Intermediate Algebra

Homework:  Exercise sets from the text will be assigned regularly. HW will be collected and graded. Late HW generally not accepted.

Quizzes:  We will have a quiz regularly in class. These quizzes will take place in the first 10-15 minutes of the class. No make-up quizzes.

Grade Components:

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Grading Scheme:

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Final Exam:  June 3, 7:00-9:00 pm

NO MAKE UP EXAMS
Student Conduct and Cheating: You are expected to act according to “Standards of Student Conduct” (see current College Catalog or Schedule of Classes). Cheating will not be tolerated. During tests all objects are to be removed from your workspace. Violators are subject to instructor and college disciplinary action. Keep your work original.

Attendance Policy: According to LAVC policy, you are expected to attend every meeting of all classes for which you are registered. You are expected to be prompt and remain for the full class session. Repeated absences will affect your grade.

How to do WELL in this class: It should be emphasized that this course will cover a great deal of material at a rapid pace, but you can do well if you honestly make the effort to do so. The expectation is that students spend 2 hours outside of class studying for each unit in order to keep up with and get the most out of the course. That means you will probably need to spend about 6 hours per week outside of class, so you should plan accordingly.

My advice:
- DO NOT MISS CLASS.
- Do all the required work, including homework.
- Be determined and do not procrastinate.
- Ask questions in class.
- Find a tutor if you need more help.

Remarks:
1. In case of an emergency make sure to contact me as soon as possible.
2. All exams will be closed books and closed notes. You may only use your calculators.
3. Electronic devices: Please have consideration for others and remember to turn off your cell phone, pager, etc. during every class period!

Policy for Adds and Drops: Please make sure to read the university policy for adds and drops. If you stop attending a class (or wish to drop a class) it is your responsibility to drop the class yourself—officially with the Office of Admissions and Records. Failure to do so may result in a grade of “F” in that class.

Course Level Student Learning Outcomes (SLO) Course Objectives:
1. Organize data in the form of a frequency distribution, relative frequency distribution, cumulative frequency distribution.
2. Summarize and display data in the form of a histogram, frequency polygon, frequency curve, ogive, stem-and-leaf plots, pie charts, density scale histogram, scatter diagram, box-and-whisker plot.
3. Interpret numerical summaries, hypothesis testing, and confidence intervals.
4. Find confidence intervals, test statistics, and regression lines.

Course Level Student Learning Outcome Assessment Measure
Students will be able to think and read critically at a college level to solve statistical problems. Students will be required to solve problems where they must read and extract relevant information, select an appropriate method for solving, execute the method correctly, and interpret the solution.

Financial Aid is available! Call (818) 947-2412.
Go to the Financial Aid Office in the bungalow between Campus Center and the North Gym
Website address: lavc.edu/studentservwebsite/financial/index.html