SYLLABUS
Math 227 Statistics, Section 3355, Spring 2013
7:00 pm - 9:05 pm TTh in CMS 29, Los Angeles Mission College

Instructor: Mr. Park, S
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Website: http://www.lamission.edu/~parks
Office Hours: 6:30 pm - 7:00 pm TTh at Math Center

Textbook:
Bluman, *Elementary Statistics*, Brief Version, 6th ed., 2013, McGraw Hill

Prerequisites:
Math 125 or 123C with a grade of 'C' or better, or appropriate skill level demonstrated through the Mathematics assessment process, or by permit.

Description:
Topics include graphical techniques; probability and probability distributions; sampling; estimation; correlations; regression; hypothesis testing; categorical data. Emphasis is on data analysis and interpretation, using sample data to extrapolate population characteristics.

Student Learning Outcomes (SLOs):
By the end of the course, the successful student will be able to:
1. Use probability concepts to solve problems and interpret their results
2. Demonstrate proficiency in descriptive statistics and inferential analysis to draw conclusions about a population

Homework and Computer Project:
Homework with the due date will be posted on the class website. Various topics in this course will be covered using Minitab software. Minitab software and the data sets needed for the class are available in all computers in the Math Center, LRC 205, LRC 234, LRC Computer Commons, and CSIT lab (INST #2009). The student version of Minitab and the data set CD are included with every new textbook for home use. There will be one computer-based project.

Grading:
Final grades will be based on:
Four Midterms 52%; Final exam 30%; Computer Project 10%; Homework and Attendance 8%
Tentative Midterm dates: 02/26 (Ch. 2, 3), 03/19 (Ch. 4), 04/11 (Ch. 5, 6), 05/09 (Ch. 7, 8);
Comprehensive Final Exam 8 pm -10pm, May 28

Grade in the course is determined according to the following scale:
A: 90 to 100%; B: 80 to 89%; C: 70 to 79%; D: 60 to 69%; F: below 60%

Important Dates:
Last day to drop in person with a "W": May 3
Last day to drop online with a "W": May 5
College Closed: President's Day 02/15-18, Cesar Chavez Day 04/01, Spring Break 03/29-04/05, Memorial Day 05/27, and Independence Day 07/04

Tentative Course Schedule, Math 227

Week	Date	Tuesday	Thursday
1	Feb. 5, 7	Ch. 1	2.1, 2.2
2	Feb. 12, 14	2.3, 2.4	3.1, 3.2
3	Feb. 19, 21	3.3, 3.4	Review (Ch. 2, 3)
4	Feb. 26, 28	**Exam 1 (Ch. 2, 3)**	**Lab 1**
5	Mar. 5, 7	4.1, 4.2	4.3, 4.4
6	Mar. 12, 14	4.4, 4.5	Review (Ch. 4), 5.1, 5.2
7	Mar. 19, 21	**Exam 2 (Ch. 4)**	5.3, 6.1
8	Mar. 26, 28	6.2, 6.3	6.4
9	Apr. 2, 4	**Spring Break**	**Spring Break**
10	Apr. 9, 11	Review (Ch. 5, 6)	**Exam 3 (Ch. 5, 6)**
11	Apr. 16, 18	**Lab 2**	7.1, 7.2
12	Apr. 23, 25	7.3	8.1, 8.2
13	Apr. 30, May 2	8.2, 8.3	8.3, 8.4
14	May 7, 9	Review (Ch. 7, 8)	**Exam 4 (Ch. 7, 8)**
15	May 14, 16	**Lab 3**	10.1, 10.2
16	May 21, 23	Ch. 9, Review	Review
17	May 28	Final Exam (8-10pm)	