Math 227 Section 0377 Statistics (Sat.) 4.0 units Spring 2013

Class Time and Location

Sat. 8:00 a.m. to 12:15 p.m. Location: CMS 120

Instructor Information

Wong, Kit (Debby) Phone: (818)364-7887
Website: lamission.edu/~wongd Email: wongd@lamission.edu
Office Hours: MW 3:00 to 4:00 p.m. Office: CMS 132
T 10:00 a.m. to 1 p.m.
S 12:30 p.m. to 1:30 p.m.

Textbook and Courseware

Statistics, Informed Decisions Using Data, by Michael Sullivan III, fourth edition.
The required courseware, MyLabsPlus, includes the e-book. The stand alone MyLabsPlus from the LAMC bookstore is $121.50 and from the online website MyLabsPlus/Bb/Vista (standalone) is $95.80. The textbook bundled with MyLabsPlus from the LAMC bookstore is $168.40 which is a special deal that the bookstore worked out with the book publisher. The textbook alone is over $110 for a used one based on Amazon.com. Reading your textbook is expected especially at the transfer level. Unless you are using your laptop along with your computer, it is uncomfortable and tiresome to switch screen constantly when you work on your assignments. Since this is a transfer level course and the use of technology is an essential part of this class, **I strongly recommend you to purchase the custom bundle from the bookstore**.
This course using MyLabsPlus will open on Monday, Feb. 04, at 7:00 p.m..
We will have a hands-on introduction of the courseware on the 1st day of class.

Prerequisite

Successful completion of Math 125 or a passing score of math placement test.

Course Objective

This course is an introduction of basic statistical concepts and techniques, which includes descriptive and inferential statistics, construction of statistical tables, display data with statistical graphs, correlation and regression, probability, statistical distributions, central limit theory, testing hypotheses & confidence interval of a single population for population mean and proportion.

Use of Technology

Through the purchase of equipment and software by STEM, a blended approach of traditional and technology based methods is used in teaching this course. My lecture presentations and video recordings are done using PowerPoint, a PC tablet, and Camtasia. All lecture note will be posted online. Students are expected to printout the lecture note and fill in the missing parts during my in-class lecture or by watching my video lecture at home.
You are expected to perform online in-class work, online homework, and online quizzes with multiple attempts allowed through MyLabsPlus and Etude. MyLabsplus will provide immediate feedback with tutorial resources for your online homework assignments. Students are required to finish their online assignments by the stated due date shown online.
No late homework or quiz will be accepted. Since MyLabsPlus does not grade each step of a student's work, it is important that students write down their solving steps clearly on a notebook in order to identify the mistake made. Students are required to turn in their written work for the best score of each quiz except Chapter 1 and Chapter 2. I will grade your submitted written quiz to increase or decrease your online quiz score. Since all tests are written, logical and easy to follow steps must be shown in order to obtain credit for each problem.
StatCrunch, a simple statistical sofeware, which is included in MyLabsPlus, will be used as a technology tool throughout the course to present graphs, to solve exercises, to perform a simulation, and to interpret & analyze application problems.

Student Learning Outcomes

1. Use probability concepts to solve problems and interpret their results.
2. Demonstrate proficiency in descriptive statistics and inferential analyses to draw conclusions about a population.

3 Attempt Limit (New Regulation)

A new state policy in effect as of Summer 2012 limits students to ***3 attempts per course****. Receiving a grade or "W" for a course counts as an attempt,* ***regardless of when the course was taken****.*
Withdrawal by Februrary 18, 2013 (avoiding a "W") will not count as an attempt.

Important Dates

Last day to add full term classes	Feb. 15		
Last day to drop without a “W” (in person)	Feb. 18	Last day to drop without a “W” (Internet)	Feb. 18
Last to petition for credit/no credit	Mar. 8		
Last day to drop with a “W” (in person)	May 3	Last day to drop with a "W" (Internet)	May 5

Final Exam Saturday, June 01, 7:30 a.m. to 9:30 a.m.

Attendance

Attendance is mandatory for all class meetings. You could be dropped after 3 absences but it is your responsibility as a student to drop a class if you decide to quit attending class.

Student Conduct

Students are expected to adhere to all school policies, and to abide by the standards of student conduct as described in the Schedule of Classes. Any infringement upon the rights of the other students in the class, such as talking or disruptive behavior will not be tolerated. Please turn off your cellular phone before coming to class.

Cheating:

Any students caught cheating, which means any work that is not the student’s or that the student has allowed others to copy, will receive an automatic “F” for the assignment or the course.

Testing:

Questions on quizzes, tests, and final examination will be based on examples worked in class, assigned homework, and StatCrunch result analysis. You are allowed to use a scientific calculator and a formula sheet provided by the textbook or me on exams. Cellular phones, Ipods, Ipads, and graphing calculators are not allowed on exams. There will be no make-up on in-class work, quizzes, tests, or final exam. Two lowest quiz scores and one lowest test score will be dropped.

Tutorial Service

Free tutoring is available at the Math Center, which is located in CMS 120.
Phone: (818) 364-7811 or visit www.lamission.edu/mathcenter.

Grading

Percentage Distribution		Assigned Grade	
Homework	10%	90 - 100%	A
Quizzes	10%	80 - 89%	B
Written Tests	52%	70 - 79%	C
In-Class	4%	60 - 69%	D
Final	24%	below 60%	F

Course Organization

The course will follow the tentative schedule as closely as possible.

Week	Date	Saturday
1	February 09	Intro., MyLabsPlus Ch1, Ch2.1 to 2.2
2	February16	Non-Instruction
3	February 23	Ch2.3 to 2.4, StatCrunch
4	March 02	Ch1&2 Test, StatCrunch
5	March 09	Ch3.1 to 3.3
6	March 16	Ch3.4 to 3.5, Ch4.1 to 4.2
7	March 23	Ch3&4 Test, Ch5.1 to 5.2
8	March 30	Spring Break
------	April 06	Ch5.3 to 5.5
9	April 13	Review, Ch6
10	April 20	Ch5&6 Test, Ch7.1 to Ch7.2
11	April 27	Ch7.3 to 7.4, Ch8.1 to 8.2
12	May 04	StatCrunch, Ch9.1Ch9.2
13	May 11	Ch7&8 Test, Ch10.1 to 10.3 Classical Approach
14	May 18	Ch10.2 to 10.3 P-Value Approach StatCrunch
15	May 25	Ch9&10 Test, Final Review
16	June 01	**Final Exam** **7:30 a.m. to 9:30 a.m.**