Math 227 Section 0361 Statistics (Sat.) 4.0 units Fall 2013

Five Required Meeting Time, Location, and Dates

Sat. 8:00 a.m. to 11:00 a.m. Location: CMS 120
Meeting Date: August 31 September 28 October 26 November 23 December 14
Please bring a picture ID for verification.

Instructor Information

Wong, Debby Phone: (818)364-7887 Office: CMS 132
Website: lamc.mylabsplus.com Email: wongd@lamission.edu
Office Hours: Monday and Wednesday 3:00 to 4:00 p.m.
Tuesday 12:15 p.m. to 1:00 p.m. and Thursday 12:15 p.m. to 2:00 p.m.
Advisory Hour: Tuesday 1:00 p.m. to 2:00 p.m.
Virtual Office Hours: Friday 5:15 p.m. to 7:00 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 online website MyLabsPlus/Bb/Vista (standalone) is approximately $110. The textbook bundled with MyLabsPlus from the LAMC bookstore is approximately $200 which is a special deal that the bookstore worked out with the book publisher. 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 Saturday, August 24, at 8:00 a.m..
We will have a hands-on introduction of the courseware on the 1st required meeting, August 31.

Prerequisite

Successful completion of Math 125 or a passing score of the 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 notes will be posted online. Students are expected to printout the lecture notes and fill in the missing parts by viewing my PowerPoint lectures at home. You are expected to perform online “Practice It” work, online homework, and online quizzes with multiple attempts allowed through MyLabsPlus. MyLabsplus will provide immediate feedback with tutorial resources for your online homework assignments. Students are expected to finish their online assignments by the stated due date shown online. A 25% deduction per day will be implemented for late submission. 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 mistakes made. Since all tests are either a combination of technology and written or written only, logical and easy to follow steps must be shown in order to obtain credit for each free response problem.
StatCrunch, a simple statistical software, 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 September 8, 2013 (avoiding a "W") will not count as an attempt.

Important Dates

Last day to add full term classes	Sept.6
Last day to drop without a "W" (internet)	Sept.8
Last day to petition for credit/no credit	Oct.4
Last day to drop with a "W" (internet)	Nov.17

Final Exam Saturday, Dec. 14, 9:00 a.m. to 11:00 a.m.

Attendance

If there is no online activity such as homework, Practice It, and quizzes for two weeks, you could be dropped but it is your responsibility as a student to drop a class if you decide to quit a 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 2013-2014 College Catalog on page 36. Any infringement upon the rights of other students in the online class setting such as disruptive behavior will not be tolerated.
Please treat contributions made by your classmates with respect.
Netiquette Guidelines: http://www.cgspitt.org/medialibrary/File/Tips_For_Success/TipsforSuccess_Netiquette.pdf

Cheating:

Any form of academic dishonesty will not be tolerated. If any students caught cheating, for example, 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. The event will be reported to the Math Department Chair who will forward the report to the VP of student services for disciplinary action.
Reference to 2013-2014 College Catalog, p.36, Standard of Student Conduct and Disciplinary Action.

Testing:

Questions on quizzes, tests, and final examination will be based on examples presented in the PowerPoint presentation, video clips, 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. **All tests and final exam are scheduled and proctored in the required meetings**.
There will be no make-up quizzes, tests, or final exam. Two lowest quiz scores will be dropped and if the final exam score is higher than the lowest score of the tests, it will be used to replace the lowest test score.

Tutorial Service for this class

Instructor Virtual Office Hours: Friday 5:30 p.m. to 7:00 p.m.
Free tutoring is available at the Stem Center, which is located in CMS 121.
Operation Hours: M to Th 11:00 a.m. to 8:00 p.m. and Sat. 10:00 a.m. to 2:00 p.m.
Phone: (818) 364-7811 or visit www.lamission.edu/mathcenter.

Grading

Percentage Distribution		Assigned Grade	
Homework/Practice It/Tech HW	16%	90 - 100%	A
Quizzes	8%	80 - 89%	B
Written Tests	51%	70 - 79%	C
Final	25%	60 - 69%	D
		below 60%	F

Course Organization

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

Week	Date	Saturday
1	August 31 (on campus)	Orientation, MyLabsPlus Introduction Ch1, Ch2.1 to 2.2
2	September 7	Ch2.3 to 2.4, StatCrunch
3	September 14	Ch3.1 to 3.3
4	September 21	Ch3.4 to 3.5, StatCrunch
5	September 28 (on campus)	Question and Answer, Test I (Ch1 to Ch3) Ch4.1 to 4.2, StatCrunch
6	October 5	Ch5.1 to 5.2
7	October 12	Ch5.3 to 5.5
8	October 19	Review, Ch6.1 to 6.2
9	October 26 (on campus)	Question and Answer, Test II (Ch4 to Ch6) Ch6 StatCrunch
10	November 2	Ch7.1 to 7.3
11	November 9	Ch8.1 to 8.2, StatCrunch
12	November 16	Ch9.1 to 9.2, StatCrunch
13	November 23 (on campus)	Question and Answer, Test III (Ch7 to Ch9) Ch10.1 to 10.2
14	November 30	Ch10.2 to 10.3 Classical Approach
15	December 7	Ch10.2 to 10.3 P-Value Approach StatCrunch
16	December 14 (on campus)	Question and Answer, Final Exam

Resources Available to Students at LA Mission College:

- **Bookstore:** For hours of operation, book availability, buybacks, and other information call (818) 364-7798 or 364-7768 or visit http://eagleslanding.lamission.edu/

- **Counseling Department:** For appointments and information call (818) 364-7655 or visit https://www.lamission.edu/counseling/

- **Disabled Students Programs and Services:** For appointments and information call (818) 364-7732 or visit http://www.lamission.edu/dsps/

- **Extended Opportunity Programs and Services**: For appointments and information call (818) 364-7645 or visit http://www.lamission.edu/eops/

- **Financial Aid:** For information and applications call (818) 364-7648 or visit http://www.lamission.edu/financialaid/

- **Library:** For information on library hours, resources, workshops, and other services contact (818) 364-7105 or 364-7106 or visit http://www.lamission.edu/library/

- **Tutoring Services in Learning Center:** Laboratories for Learning, Writing, Math & Science. Walk-in and appointment services offered. Call (818) 364-7754 or visit http://www.lamission.edu/learningcenter/

- **STEM Center:** Free Math tutoring, computer and internet access. Call (818) 364-7811 or visit http://www.lamission.edu/mathcenter/

- **STEM Program:** For those interested in pursuing a science, technology, engineering and math, please call the STEM counselor Marina Sangkavichai at (818) 833-3425 or visit http://www.lamission.edu/stem/

- **Student Service Resources:** For a directory of student resources, visit http://lamission.edu/de/student-services/