

# Fall 2017, Online Math 227 , Statistics, 4.0 Units. Section 25656 and 26759

## Instructor Information

Instructor: Tigran Mkrtchyan  
Website: [MyStatLab.com](http://MyStatLab.com) (Course ID: **mkrтчhyan21657**)  
Office Hours: MW 7-7:45 am, 5:25 – 7pm  
TTh 7-7:45 am or by appointment

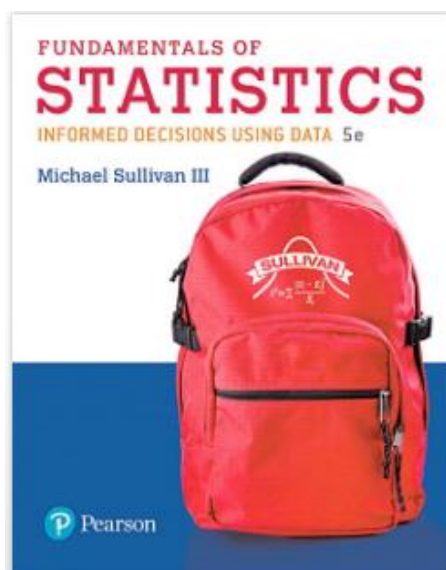
Phone: (818)364-7669  
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Office: CMS 247, #249

## Five Required Meeting Time, Location and Dates

Orientation: Monday, August 28, 5:30 pm - 7:00 pm in CMS 222.

### Exams:

Friday, September 22, 12:30 pm - 2:30 pm in CMS 120/122.  
Friday, October 20, 12:30 pm - 2:30 pm in CMS 120/122.  
Friday, November 17, 12:30 pm - 2:30 pm in CMS 120/122.  
Final Exam: Friday, December 15, 12:30 pm - 2:30 pm in CMS 120/122.



## Textbook, Courseware, and Statistical Software

*Fundamentals of Statistics, Informed Decisions Using Data*, by Michael Sullivan III, 5th edition. The required courseware, MyStatLab, is approximately \$104 with the e-book. The textbook bundled with MyStatLab from the LAMC bookstore is approximately \$124.50+tax which is a special deal that the bookstore worked out with the book publisher. Do not purchase textbook online or at other bookstores because the access code for MyStatLab will not be included. In that case, students will have to purchase the access code for MyStatLab separately online or from the bookstore. We will use StatCrunch which is embedded in MyStatLab for our web-based statistical software.

## Prerequisite

MATH 125 or MATH 123C or MATH 134 or MATH 137

## Important Dates:

Last day to ADD full term (16-week) classes in person:	September 10
Last day to drop without receiving a "W" (By Internet Only):	September 10*
Last day to drop with a "W" (By Internet Only):	November 19
Final Exam:	<b>Friday, December 15, 12:30-2:30 pm</b>

**\*PLEASE NOTE:** A "W" will appear on your transcript record after this date. **REMINDER:** Course repetition is regulated by state guidelines, limiting students to a maximum of three (3) enrollments in a course, to include both substandard grades and withdrawals, unless otherwise specified in the course description.

## Course Description:

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, proportion, and standard deviation, inference about two population proportions and means, tests for independence and the homogeneity of proportions, and ANOVA.

## Course Organization:

There are four components for this online Math 227 course:

### Component 1 (Online Lecture Notes / PowerPoint)

In order to understand the overall concept of a chapter, you need to complete and understand the provided lecture notes per chapter. The PowerPoint presentations are aligned with the lecture notes. Additional resources such as the publisher PowerPoint presentations and video lectures can be accessed through MyStatLab Multimedia Library under chapter contents navigation button.

### Component 2 (Lab Activities & Project)

- Diverse topics in this course will be covered using Stat Crunch software for the lab component: to present graphs and data summary, to perform simulations, and to solve statistical application problems, etc. You will submit the lab activities by the stated due date. The lowest lab score will be dropped.
- There will be projects throughout the semester: More details will be communicated later.

### Component 3 (Online Homework Assignment and Online Quizzes)

You are expected to complete online homework with multiple attempts allowed through MyStatLab which will provide immediate feedback with tutorial resources. Each assignment score will be recorded automatically once you hit submit online. After completing the online homework assignments for all sections of a chapter, you will take the chapter online quiz without tutorial resources. You are allowed to retake a quiz before the due date to improve your online quiz score. StatCrunch, which is an introductory statistical software, will be used throughout the course. Analyzing the results obtained from StatCrunch is an important part of the course. It is important to complete the online homework practice test before taking the actual test. Most of the test questions are similar to the online homework practice tests.

### Component 4 (Required Class Meetings for Orientation and Exams)

You are required to attend 5 class meetings. The 1st meeting is orientation followed by 3 tests and a comprehensive final exam.

## 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.

## Withdrawals:

If you stop attending the class (or wish to drop a class), you must drop the class yourself officially. Failure to do so may result in a grade of "F" in the class. A new state policy limits students to **three attempts per course**. Receiving a grade or a "W" for a course counts as an attempt, **regardless of when the course was taken**. Withdrawal by the deadline to avoid a "W" will not count as an attempt. For fall 2017, the deadline to avoid a "W" is **September 10**.

## Tools:

A scientific calculator with statistical functions is required. Cell phones, and other forms of hand held computers are not allowed during in-class assessment, unless permission is given by the instructor for specific tests or assignments.

## ONLINE Assignments and Quizzes through MyStatLab:

- Students need to have easy access to a computer with Internet access and a working email address. Students enrolled in Math 227 are required to purchase access to MyStatLab, an online courseware, and enroll in the section with **course ID: mkrтчyan21657**. Online homework and technology assignments and quizzes will be assigned online through this system.
- Students should work on their homework as each section is completed in class. Students are expected to finish their online assignments by the stated due date shown online. Since MyStatLab 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.
- Students are allowed to take an online quiz with multiple attempts before the due date. The lowest quiz score will be dropped.

## Projects:

There will be projects throughout the semester: More details will be communicated later.

## Exams:

- There will be four classroom exams. All exams will be based on sample exams that will be posted prior the exams as a homework assignment. A stand alone calculator, formula sheets and a software called StatCrunch will be allowed on exams.
- A comprehensive final exam will be given on Friday, December 15. There are **no make-ups for the final** and all students must take the final exam in order to pass the class. If the final exam score is higher than the lowest score of the classroom exams, it will be used to replace the lowest exam score.
- All exams will be based on examples worked in class, assigned homework and quizzes, and computer lab materials. All work must be shown in a logical manner with easy to follow steps to support any written responses for credits. A stand alone scientific calculator and formula sheets provided by the publisher are allowed on exams.

## Grading:

Percentage Distribution		Assigned Grade	
Homework & Quizzes	15%	90 - 100%	A
Lab activities	10%	80 - 89%	B
Projects	10%	70 - 79%	C
Four Exams	40%	60 - 69%	D
Final	25%	below 60%	F

For borderline cases, participation, and level of improvement on the final are considered.

## Cheating:

Any form of academic dishonesty will not be tolerated. If caught, you will be given a zero for that particular exam or quiz. The event will be reported to the Math Department Chair who will forward the report to the VP of student services for disciplinary action which may include suspension or expulsion.

## Student Conduct:

Students are expected to adhere to all school policies, and to abide by the standards of student conduct as described in the 2016-2017 Los Angeles Mission College Catalog on page 62 to 64. Any infringement upon the rights of other students in the class, such as talking or disruptive behavior will not be tolerated.

## Tutoring and Support:

- Free math tutoring is available in the STEM Center and Science Center located in CMS 121: Monday thru Thursday 11:00 am-7:00 pm or in the LRC Math LAB: Monday thru Thursday 9:00 am-6:00 pm and Friday 10:00 am -4:00 pm.
- For more information, call (818) 364-7811 or visit <http://lamission.edu/mathcenter/>. Please check the LRC MathLab hours through <http://www.lamission.edu/learningcenter/>.

## Instructor Communication Policy:

The preferable way to communicate with me is through emails. I will respond to your email within 36 hours. Please email me through MyStatLab or at [yunyh@lamission.edu](mailto:yunyh@lamission.edu).

## Accommodations for DSPS students:

LAMC students with verified disabilities who are requesting academic accommodations should use the following procedure:

Step 1: Obtain documentation of your disability from a licensed professional. You may contact DSPS to request a Disability Verification Form.

Step 2: Make an appointment to meet with a DSPS Specialist to review your documentation and discuss reasonable accommodations. To schedule a meeting, please call DSPS at (818)364-7732.

Step 3: Bring your disability documentation to your DSPS appointment. The DSPS office is located in room 1018 of the Instructional Building.

Step 4: Each semester, reach written accommodation agreement with the DSPS Specialist and your instructor.

To be most effective, students should complete this process by the end of the 3rd week of the semester. Tests with required accommodations must be taken at the DSPS office.

### Resources Available to Students at LA Mission College:

- **Management of Stress and Mental Health:**

If you, or someone you know is in distress due the pressure of succeeding in school and contending with work, financial issues, relationships, managing time effectively, getting enough sleep, etc., please visit the Student Health Center (SHC), which offers a broad range of confidential student services including counseling and mental health services. The SHC is located in the Bungalow just west of the Collaborative Studies Building. The SHC webpage is [www.lamission.edu/healthcenter](http://www.lamission.edu/healthcenter) and the phone number is 818-362-6182. The National Suicide Prevention Lifeline number is 800-273-8255.

**\* Please note that the SHC is slated to move into its new location, between the President's Office and Administrative Services, in the Spring 2016 semester.**

- **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. Walk-in and appointment services offered. Call (818) 364-7754 or visit <http://www.lamission.edu/learningcenter/>
- **Math 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/>

## Math 227 Online Tentative Schedule

Week	Date	Monday	On- Campus Meetings / Exams
1	Aug 28 / Sep 02	Orientation Ch1.1 to 1.6 & Intro to MyStatLab Lab 1A & 1B	<b>Orientation: Monday, August 28 5:30 pm - 7:00 pm in CMS 222</b>
2	Sept 04 / Sept 09	Ch3.1 to 3.5	
3	Sept 11 / Sept 16	Ch4.1 to 4.2	
4	Sept 18 / Sept 23	Review (chapter 1-4) Ch5.1 to 5.4	<b>Exam 1 (Ch 1 to 4) Friday, September 22, 1 2:30 pm - 2:30 pm in CMS 120/122</b>
5	Sept 25 / Sep 30	Ch6.1 to 6.2	
6	Oct 02 / Oct 07	Ch7.1 to 7.2	
7	Oct 09 / Oct 14	Ch7.3, Review (chapter 5-7)	
8	Oct 16 / Oct 21	Ch8.1 to 8.2	<b>Exam 2 (Ch 5 to 7) Friday, October 20, 12:30 pm - 2:30 pm in CMS 120/122</b>
9	Oct 23 / Oct 28	Ch9.1 to 9.3	
10	Oct 30 / Nov 04	Ch10.1 to 10.2	
11	Nov 06 / Nov 11	Ch10.3 to 10.4	
12	Nov 13 / Nov 18	Review (chapter 8-10)	<b>Exam 3 (Ch 8 to 10) Friday, November 17, 12:30 pm - 2:30 pm in CMS 120/122.</b>
13	Nov 20 / Nov 25	Ch11.1 to 11.4	
14	Nov 27 / Dec 02	Ch12.1 to 12.4	
15	Dec 04 / Dec 09	Final Review	
16	Dec 11 / Dec 15	Final Review	<b>Final Exam: Friday, December 15. 12:30 pm - 2:30 pm in CMS 120/122</b>