

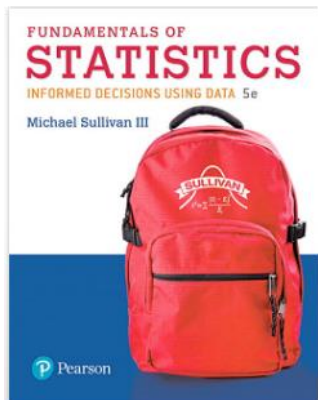
Fall 2019  
Section 27828  
Section 27829  
\*Online Hybrid

Math 227S Statistics with Support  
Lecture  
Lab

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### Instructor Information

Instructor: Eileen McGann Phone: (818) 364-7894  
Website: [MyStatLab.com](http://MyStatLab.com) (Course ID: mcgann52073) Email: mcgannem@lamission.edu  
Office Hours: Online via Canvas: MW 10am – 10:40am  
In Person: 9-10am in CMS 122  
Oct 4<sup>th</sup>, Oct 25<sup>th</sup>, Nov. 22<sup>nd</sup>, and Dec. 13th



### Required Courseware with eText and Statistical Software:

Math 227 MyLab Statistics MMND with eText for Fundamentals of Statistics: Informed Decisions Using Data for Los Angeles Mission College (by Michael Sullivan III, 5th edition) – Custom Online Access ISBN **0136468977**

All students need to purchase the online access code since all learning resources and assignments are provided in MyStatLab. (Physical textbook is optional.)

Students can purchase the access code online within MyStatLab course or at the LAMC bookstore. (Do not purchase the Access code from other website including mypearsonstore.com and other bookstores since it is the custom access code only for LAMC Math 227, 227S, 227A, and 227B.)

We will use StatCrunch which is embedded in MyStatLab for our web-based statistical software.

### Supplementary Material (Recommended):

Students may purchase the step-by-step instructions to the MyStatLab Tech Demo solutions at the college bookstore at a minimal cost.

### Prerequisite/ Placement Information:

Prerequisite: MATH 125 or MATH 134 or MATH 137 **OR**

Placement Information: This course is open to all students who graduated from high school.

### Important Dates (these dates only apply to this course – not all courses):

Last day to enroll with a permission number: 09/27/2019  
Last day to drop this class without a “W”: 09/27/2019\*  
Last day to drop with a “W” (By Internet Only): 11/21/2019  
**Final Exam:** *Saturday Dec. 14<sup>th</sup> Noon to 2pm*

**\*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 to probability, measures of central tendency and dispersion, descriptive and inferential statistics including sampling, estimation, and hypothesis testing. Analysis of variance, chi-square and student t-distributions, linear correlation, and regression analysis are also presented as topics.

**Course Organization:**

Math 227S is not a traditional lecture-based class. StatCrunch, a statistical software, is used intensively in lectures, online built-in assignments, project, and assessments. In order to pass Math 227S, students must attend both the class lecture and the lab per class meeting. During the lab hours, students will work on the hands-on lab activities related to the projects and complete the technology demo assignments in the computer lab. Students will also review core mathematics skills and concepts needed for elementary statistics as needed. The instructor is available to handle individual questions, offer mini-lectures, and establish some collaborative learning environment. The course will follow the tentative timeline (on the last page) as closely as possible.

**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.

**Attendance:**

Required Dates:

Exams: Class will meet from 10am to Noon in Room: INST 2006

Saturday Oct. 5<sup>th</sup>

Saturday Oct. 26<sup>th</sup>

Saturday Nov. 23<sup>rd</sup>

Final: Class will meet from Noon to 2pm in Room: INST 2006

Saturday Dec. 14<sup>th</sup>

Students are expected to attend all class meetings. Unexcused absences of three meetings may result in excluding students from class. Students themselves are responsible for dropping a class they no longer attend.

The procedures for dropping classes are detailed on page 48 of the 2019-2020 Los Angeles Mission College Catalog.

**Withdrawals:**

If you stop attending the class (or wish to drop a class), you must drop the class yourself – officially – on or before **11/21/2019**. Failure to do so may result in a grade of “F” in the class. A new state policy in effect as of 2012 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 2019, the deadline to avoid a “W” is **09/27/2019**.

### 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 227S are required to purchase access to MyStatLab, an online courseware, and enroll in the section with **course ID: mcgann52073**. Online homework and technology assignments and quizzes will be assigned online through this system. Assistance in registering/purchasing the access code will be available the first day of class.
- 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. **No extensions will be granted for online homework assignments.** 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 can take an online quiz with multiple attempts before the due date. **No extensions will be granted for online quizzes.** Instructor may require students to turn in all written work per quiz to support answers submitted through MyStatLab. Points may be deducted if work was not shown in a clear and organized manner and labeled neatly for each problem. The lowest quiz score will be dropped.

### Projects during the Lab:

- Students will work on the projects with real world applications during the lab. Projects will require students to use data and statistical techniques learned in the class to make important decisions.

### Exams:

- There will be three classroom exams. There will be **no make-up** examinations and any missed exam will receive a grade of 0.
- A comprehensive common final exam will be given on **Sat. Dec. 14<sup>th</sup> from Noon to 2pm**. The final exam will be given through MyStatLab, and computations and analysis will be done using StatCrunch. **No make-up final** will be allowed, 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

Homework	15%
Quizzes	10%
Projects	10%
Module Quizzes	5%
Three Exams	35%
Final	25%

#### Assigned Grade

90 - 100%	A
80 - 89%	B
70 - 79%	C
60 - 69%	D
below 60%	F

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

**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.

**Cheating:**

Any form of academic dishonesty will not be tolerated. If caught, you will be given a zero for that 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 2019-2020 Los Angeles Mission College Catalog on page 52 to 54. Any infringement upon the rights of other students in the class, such as talking or disruptive behavior will not be tolerated.

**Class comporment:**

- All students are expected to arrive on time. Late arrivals are disruptive to both the instructor and students. Once seated, do not leave the room until dismissed. Such comings and goings are also disruptive.
- Cell phone must be on silent mode and kept out of sight while in class. Cell phone ringing and text messaging create distractions.
- Students are encouraged to ask questions and make comments on the lecture material. This should be done in a courteous manner by raising one's hand and being recognized. Side conversations between students that disrupt the flow of the lecture will not be tolerated.
- Students are responsible for managing their academic workload. Should a student decide to stop attending class it is their responsibility to drop the class. All students appearing on the grade roster will receive a grade regardless of whether they are attending classes or not.

**Tutoring and Support:**

- Topic -specific supports are available through (noncredit) Academic Preparation 027CE Statistics Skills and Preparation I and Academic Preparation 028CE Statistics Skills and Preparation II. Students are highly encouraged to attend the Academic Prep sessions for their successful completion of Math 227S.
- Free math tutoring is available:
  - Math Center (<http://lamission.edu/mathcenter/>) located in CMS 121: M to Th 11 AM to 7 PM; Sat 9 AM to 3 PM
  - LRC Math Lab (<http://www.lamission.edu/learningcenter/>): **Monday thru Thursday 9:00 am-6:00 pm and Friday 10:00 am-4:00 pm.**
  - Net Tutors – 24/7 online tutorial services that students can access through Canvas.

**Accommodations for DSPTS 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 DSPTS to request a Disability Verification Form.

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

Step 3: Bring your disability documentation to your DSPTS appointment. The DSPTS 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.

**Study the textbook:**

The textbook provides a reasonable level of mathematical rigor and many exercises are quite revealing. I strongly encourage you to read/study the text carefully. The lectures are designed as a supplement to and not an alternative for the textbook. Students are expected to master all topics in the textbook unless otherwise indicated.

## 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 Campus Services building between the President's Office and the Business Office. 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.

- **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 Office at (818) 364-7600 Ext. 4164 or visit <http://www.lamission.edu/stem/>
- **Student Service Resources:** For a directory of student resources, visit <http://lamission.edu/de/student-services/>