

Math 160 Elementary Stats

Fall 2019 COURSE SYLLABUS
Section 6031 Tuesday and Thursday 2 – 3:50 PM in 36-328

Instructor: Andrea Steel

EMAIL: andrea.steel@gcccd.edu

Office Hours: Mon, Wed 4:45 – 5:15 PM in 53-542 & Tues, Thurs 3:50 -4:20 PM in 36-328

Course Website: <https://gcccd.instructure.com/login/canvas>

You must log in through canvas to sign up for this course.

When course website is down, this is your EMERGENCY access: https://www.mathxl.com/login_mml.htm



Welcome to Elementary Stats. I am excited to be your instructor this year. I was born and raised in Germany and moved to San Diego when I was 21 years old to study math at SDSU. Shortly after, I met my husband and decided to stay. We have 5 amazing children and enjoy spending time with them. My oldest son is in college back east and he and his wife just had a baby this Christmas.

I had incredible math teachers throughout High School and knew early on that I wanted to become a math teacher. I started teaching at SDSU as a teaching assistant while getting my masters. Since then I have taught at High School and several community colleges. I am also a realtor and love to help people buy and sell their homes.

I believe that with hard work and dedication you can do well in this course. Please spend some time each day on your Stats homework and other assignments. We will do a lot of hands on learning in this course and I hope you will have a good time. I am always here to support you in your learning!



Surveys

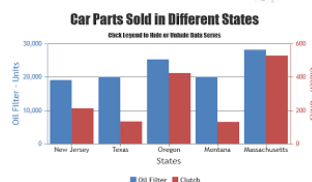
Descriptive Statistics



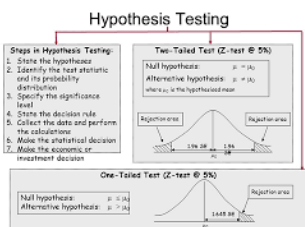
Project

Genre	2008	2009	2010	2011	2012
Classics	\$18,580	\$49,225	\$16,326	\$10,017	\$26,134
Mystery	\$78,970	\$82,262	\$48,640	\$49,985	\$73,428
Romance	\$24,236	\$131,390	\$75,022	\$71,009	\$81,474
Sci-Fi & Fantasy	\$16,730	\$15,730	\$12,109	\$11,355	\$17,686
Young Adult	\$35,358	\$42,683	\$20,893	\$18,065	\$21,388

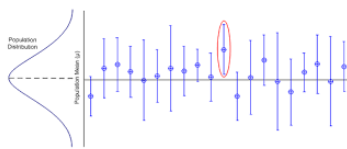
Graphs and Charts



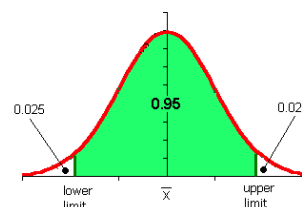
Inferential Statistics



Hypothesis Testing



Confidence Intervals



Students successfully completing this course will be able to:



Math 119 Student Learning Outcomes

Mario F. Triola

ELEMENTARY
STATISTICS
using Excel®

Pearson

TEXT: Elementary Statistics, 13/E by Mario F. Triola, Publisher: Pearson

If you are purchasing this textbook make sure that it is bundled with the **MyStatLab Student Access Kit**.

(MSL) MyStatLab Access Code:

For students who are having financial trouble purchasing materials, **use the FREE 14 day trial period** to access the course materials. You are expected to be on the course website no later than Day 3 of the semester.

I will be using a course management system called MyStatLab (MSL) to deliver the content in this course. With MSL, you will have access to videos, homework, and other course material. **The access code is FREE with the purchase of a NEW textbook.** However, if you decide not to buy the textbook, then you will have to purchase the access code separately so that you can gain access to this course. The Grossmont College bookstore bundled your textbook with MyStatLab. If you are purchasing your textbook elsewhere make sure that it comes with MyStatLab. If you have access to a previous version please talk to me.

If you decide to only purchase the MSL access code without the textbook you can get the best price online (www.mystatlab.com) (this option includes the e-book). You can also purchase the MSL access code at the college bookstore.

Once you are on MyStatLab you will have access to the online version of the textbook. If you prefer an e-book instead of a traditional textbook then you will only need to purchase the MSL access code. Your MSL account is valid for the edition of this textbook. If you have to retake this class, know that you can continue using your MSL account for one year and do not have to purchase another access code. Before opening your MSL access kit from the bookstore, make sure that this course is the right course for you. Once the MyStatLab Student Access Kit is opened to where the access code is revealed, it is nonrefundable!

Online you can choose the 14 day FREE trial period to try out the course without making payment. This will help you decide if this online course is right for you.

- If you are waiting for financial aid, you can access the course without payment for 14 days. Click “Get temporary access.....” It is your responsibility to **MAKE PAYMENT BEFORE YOUR TEMPORARY ACCESS EXPIRES**. If your temporary access expires, you will receive zeros on any assignment due during the time you were without access. You may also lose all of your completed assignments.

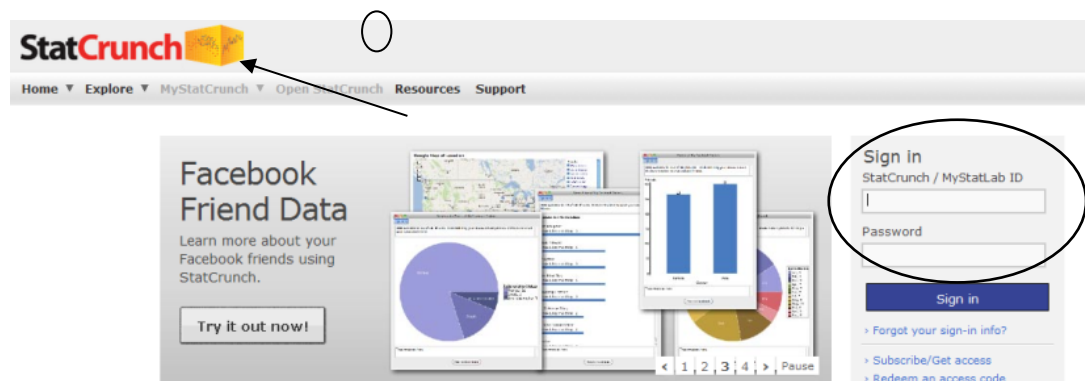
Remember that you should not create a new account when your temporary access runs out. Just follow the instructions in the email reminder from MyStatLab or Pearson on how to pay for your access. Creating a new account will result in losing your completed assignments from your temporary account.

REMINDER FOR STUDENTS WHO CHOOSE TEMPORARY ACCESS:

Each time you sign in to your course, you will have the opportunity to change your temporary access. Make sure to do this before your temporary access expires. It's very simple to do. Just click on “Upgrade access”.

StatCrunch:

If you registered onto MyStatLab then StatCrunch is free just go to www.statcrunch.com and use your MyStatLab sign in username and Password.



To access StatCrunch on your mobile device go to www.statcrunch.com/mobile and login using your MyStatLab sign in username and password or click on the StatCrunch link in MyStatLab.

Graphing Calculator:

The TI- 84 (or TI-84 plus) calculator is **REQUIRED** for this course. You will learn how to use this calculator by using the tutorials within MSL and by watching the lecture videos. It is your responsibility to bring your calculator to all on-campus exams. Students may not share calculators during exams. If you purchase another type of calculator, something other than the TI-84 (regular or plus editions), you will not get instructor help with its operation.



SUMMARY OF COURSE MATERIALS NEEDED:

- 1) MyStatLab access code (**REQUIRED**) which comes with e-book Access.
- 2) TI-84 Graphing Calculator (**REQUIRED**)
- 3) Textbook Bundle: Elementary Statistics 13/E by Mario F. Triola (**RECOMMENDED** for students who need a traditional textbook) just make sure it comes with the MyStatLab Access code.
- 4) Online access and access to a computer. Do not rely on your phone or mobile device to complete assignments in this class.

ATTENDANCE:

Participation will consist of warm-ups (first few minutes of class so make sure to be there on time), in-class assignments and activities, and attendance. There will be daily in-class assignments and activities. Some assignments will be graded all or nothing based on effort, some will be graded for correctness, and some will be not be graded – the grading method will not be announced, so it is in your best interest to work hard and check your assignments for correctness before turning them in. Missed assignments **MAY** be made available for partial credit (80%). This will be at my discretion based on the reason for the absence and whether the assignment can be completed in that setting. Basically, we will have classwork every day. If you miss class, you **MIGHT** be able to make up the missed participation points up to 80% – you should contact me as soon as possible, either via email or at the next class meeting, to see if you can make up those missed points. If you're in class, you should be guaranteed an 'A' in classwork/participation. To help with that, if you receive a poor score on an assignment that you were in class for, you may correct that assignment up to 90% during office hours.

You are expected to be an active participant in this class. Attendance is required by Mesa College policy and you may be dropped from the course after the second unexcused absence. If you must miss class, please inform me with an e-mail. Tardiness and leaving class early may be treated as an unexcused absence. Absence due to illness is excused only with a doctor's note.

- It is the student's responsibility to drop all classes in which he/she is no longer participating.
- It is the instructor's discretion to withdraw a student after the add/drop deadline due to excessive absences.
- Students who remain enrolled in the class beyond the published withdrawal deadline will receive an evaluative letter grade in this class.

Homework and classroom assignments must be completed by the due date. Late homework and classroom work will result in a 20% grade deduction. **If you do not attempt a homework assignment, you will not have access to it later when you are preparing for a test.** To submit and save your homework you need to click on the SAVE button at the bottom of the page. Even if you are not ready to submit, you should always save your homework so that I have your most updated results.

Exams: There are no make up exams. If you know in advance that you will miss an exam, please email me before the exam to see if other arrangements can be made

GRADING POLICY:

Grades will be based on the following assignments:

Online Homework 10%

Individual, Group and Classroom Assignments 10%

Final Project 15%

Tests 45%

Final Exam 20%

Points and assignments above may be subject to change.



ASSIGNING GRADES:

98 – 100 % A+	88 – 89% B+	78 – 79% C +	60 – 69 % D
92 – 97 % A	82 – 87% B	70 – 77% C	
90 – 91 % A-	80 – 81% B -		Below 60% F

If you take this course as P/NP, then a pass grade is equivalent to an A, B or C and a no pass grade is equivalent to a D or F. Rounding will be done as follows: a 79.4 rounds to a 79 and 79.5 rounds to an 80. During the semester, you can access your grade online by logging on to <http://www.mystatlab.com> click on GRADEBOOK then on “show overall score”

At the end of the semester, I submit the grade you earned in the class. This grade may be different than the one you wanted or needed in the class. I do not negotiate grades based on personal circumstances. Please respect this policy.

Notice that the computer program gives specific instructions on how the answer is to be entered. Make sure to read the small print so that you are rounding correctly. Follow all instructions so that your answer matches the correct answer in the computer program.

Everyone should get a perfect score on each homework assignment. You have an unlimited number of attempts for each problem and you are guided every step of the way. Because of this, your score on a homework assignment may not be representative of how well you understand the material. If you are using the help tools with homework problems, try to do them over, on your own, at a later time with no help to see how much you can really do on your own.

StatCrunch Activities/Projects:

StatCrunch is statistical software that will be used to generate and analyze data. You can access StatCrunch through MyStatLab or by going directly to www.statcrunch.com and using your MyStatLab User ID and password. Access StatCrunch on your mobile device by going to www.statcrunch.com/mobile

FINAL EXAM:

There will be a final exam. It will be cumulative and given during the last week of class as the schedule permits.

Feeling overwhelmed? Here is where to get help...



- Come see me after class or send me an email message. I am always willing to answer questions from any section of the book, even if we have already moved on to a new section.
- MyStatlab includes many helpful resources. Use “Read It Watch It,” for hints to a particular problem.
- Form a study group with your classmates. You will get a chance to meet everyone so you can find students with learning styles that match yours. Set up a time to meet each week to help one another.
- Visit Our Math Study Center:
The MSC (rooms 70-112 & 70-113) is centrally located on the first floor of the Tech Mall (connected to the LRC/Library). They provide math tutoring on a walk-in basis. The MSC is open **Monday through Thursday, 8am – 9pm; Friday 8am – 3pm** Call (619) 644-7706 or scan the QR code for more information.
- Students with disabilities who may need academic accommodations should notify me within the first two weeks of class. All information will be kept strictly confidential. More information on page 3.



STUDENT CONDUCT:

No put downs or abusive remarks will be tolerated in class. At all times a student's conduct and language is expected to be respectful of others. The instructor reserves the right to drop any student for inappropriate conduct.

ACADEMIC INTEGRITY

Students are expected to be honest and ethical at all times in the pursuit of academic goals. Students who are found to be in violation of Administrative Procedure 3100.3 Honest Academic Conduct, will receive a grade of zero on the assignment, quiz, or exam in question and may be referred for disciplinary action in accordance with Administrative Procedure 3100.2, Student Disciplinary Procedures.

STUDENT CODE OF CONDUCT

Students are expected to adhere to the Student Code of Conduct at all times. Students who violate the Student Code of Conduct may be removed from class by the faculty for the class meeting in which the behavior occurred, and the next class meeting.

Make-up work will not be accepted during the removal from class.

Incidents involving removal of a student from class will be reported to the college disciplinary officer for follow up.

The Student Code of Conduct can be found in Board of Trustees Policy, BP 3100, Student Rights, Responsibilities and Administrative Due Process posted on the District website at:
<http://www.sdccd.edu/public/district/policies/index.shtml>

DISABILITY ACCOMODATIONS

- Students with disabilities who may need academic accommodations should notify me within the first two weeks of instruction. All information will be kept strictly confidential.
- Students with disabilities that need evacuation assistance during campus emergencies should meet with me as soon as possible to assure the health and safety of all students.
- I have made every effort to make this course accessible to all students, including students with disabilities. If you encounter a problem accessing anything in this course, please contact me immediately by email and also contact the college's Disability Support Programs and Services (DSPS) Office.
- Accessibility Resource Center (A.R.C.) **early in the semester** so that reasonable accommodations may be implemented as soon as possible. Students may contact A.R.C. in person in building 60, room 120 or by phone at (619) 644-7112 (voice) or (877) 561-8975 (Video Phone for deaf).

Finally, by enrolling in this class you agree to all of the terms and conditions listed on this syllabus. Enjoy the class and if you have any questions regarding the nature of this course feel free to contact me.

