Everything on this syllabus is subject to change due to the school closure and changing policies

MATH 117: ELEMENTARY STATISTICS ONLINE SUMMER 2020 SESSION #2
SANTA BARBARA CITY COLLEGE SECTIONS 80046 & 80723
DEPARTMENT OF MATHEMATICS

DAVE GILBERT

OFFICE	IDC 345 (However, at this time campus is closed)
EMAIL	Use the campus Pipeline email dwgilbert@pipeline.sbcc.edu Email is the best way to contact me. **You must** place the CRN in the subject line of the email.
OFFICE HOURS	Online using Zoom. Specific times will be posted at a later date in Canvas. Or, you may request a time.
COURSE LOGIN	Your course is located in Canvas with some work found in Hawkes. Access Canvas through Pipeline by selecting the Canvas tab in Pipeline. Info about Hawkes is in Canvas.
PHONE	(805) 965-0581 extension 2208

REQUIRED TEXT/SOFTWARE/HARDWARE (The first three items should be bundled in the bookstore)
- *Beginning Statistics,* 2nd ed., by Warren, Denley, and Atchley.
- A *Hawkes Access Code*. (This should have been packaged with the text). This may also be purchased online at http://www.hawkeslearning.com.
- TI83 or TI84 Graphing calculator capable of performing 2 variable statistics.
- A reliable computer is mandatory. Computer problems, internet problems, different time zones, or the lack of a computer will not excuse you from meeting course deadlines.

I do have additional text purchase options mentioned at mathgilbert.org and in Canvas.

REQUIRED HARDWARE
- TI84 Graphing calculator capable of performing 2 variable statistics. Other calculators may work, but you are responsible for learning the statistical functions that other calculators are capable of.
- A RELIABLE and AVAILABLE computer with web access and email is required. School computers may be used; however these are available only during certain hours and when campus is open. I suggest that you have your own. A reliable computer is mandatory. Computer problems, internet problems, different time zones, or the lack of a computer will not excuse you from meeting course deadlines. PLAN AHEAD!

WARNINGS
Depending on your computer settings, you may need to close any POPUP BLOCKERS that you have installed. Most files will be PDF and videos will be in YouTube. I have heard of issues with Firefox so please try a different browser such as Google Chrome.

STUDENT LEARNING OUTCOMES (SLOS)
Upon completion of the course, the successful student will be able to do the following:
1. Use statistical core terminology accurately.
2. Organize data using both numerical and graphical methods.
3. Use measures of central tendency and dispersion to summarize a data set.
4. Calculate probabilities of events explained by the normal and the standard normal distribution.
5. Estimate population parameters using confidence intervals.
6. Carry out a complete test of hypothesis about population parameters.

CONTACT/EMAIL
The best way to reach me is through email. You can usually expect a response from me within 24 hours during the week, or by Monday (Tuesday if Monday is a holiday) if you email me over the weekend. I most likely will not check email over the weekend. You will not get a response if…
1. Your email does not follow proper etiquette or if you are not courteous.
2. You ask me questions on which answers can be found in this syllabus.
3. You ask me for a grade other than the one YOU earned at the end of the semester.

MATH TUTORIAL LAB

The Math Tutorial/Computer Lab is open for student use during the summer in an online format since the campus is closed. The math lab is free to all students enrolled in SBCC math courses. For more information, please visit http://www.sbcc.edu/mathematics/mathlab/

ATTENDANCE

There are no on campus lectures however you must log into the Canvas portion of the course on a regular basis. If you are not logging in to Canvas, I reserve the right to drop you. There are no on campus lectures. There is no mandatory on campus attendance however the exams **will** most likely take place as take home exams while using Zoom for proctoring.

HOMEWORK

Statistics is not a spectator sport. I am a strong believer that statistics can only be learned by doing. There are two forms of homework. There are suggested homework assignments assigned in the text and there are online assignments assigned in Hawkes. It is suggested that you complete both forms of the homework however only the online homework in Hawkes will be a part of your grade. Hawkes calls the online homework "Certifies". Certifies are the online homework assignments. It is strongly suggested that you complete each and every assignment. Homework assigned from the text will not be collected. However, the text homework problems, book examples, the reading that you do from your text, and any online lectures that are posted in Canvas are the best sources of material to study when preparing for Exams 2, 3, and the final. The homework problems (called Certifies) found in Hawkes are the best problems to study from when preparing for the quizzes or the online mini exam 1. Your 10 lowest or missed homework scores in Hawkes will be dropped from your grade at the end of the semester. It's ok to skip a few as they get dropped in the end.

LAB ASSIGNMENTS

There are three required lab assignments. They are described in further detail on the course homepage in Canvas and in the calendar section of your course as they become available. Lab assignments are due as shown on the schedule. The software needed for the labs is called SPSS. The math computer labs have the software installed and you should access this software from off campus using a remote login. More information is provided in the lab section in Canvas. ***There is no software that you need to purchase!*** If you wish to use some other software such as Excel, Minitab, etc, please check with me first. You are required to submit your labs in Canvas as a PDF file. See below.

Lab Submission: You are required to submit your lab in Canvas as a PDF file. No other form will be allowed. I have information in Canvas related to converting files to PDF's. You will upload your completed lab in the assignment section of Canvas. It must be a PDF file.

QUIZZES

See the course schedule (in Canvas) for quizzes, the topics they cover, and their online availability. Quizzes are mandatory and will be taken online using Hawkes. Hawkes actually calls the quizzes "WebTests". In Hawkes, look in the WebTest section for quizzes. You must take the quiz within the time frame allowed. If missed, they cannot be made up. The best preparation for a quiz is to do the assigned homework and read the text. The homework available in Hawkes is most similar to quiz questions. All quizzes will open at 6:00am on Monday morning (Tuesday if Monday is a scheduled holiday). All quizzes opened during the week will close at 11:59 pm Pacific Standard Time as shown on the schedule. Do not wait until the last minute to take them. You will get two attempts for each quiz as long as both attempts are completed by the deadline. Since you have all week, I expect that you will plan ahead in case you are away for the weekend. NO MAKE UPS! Your 3 lowest or missed quiz scores in Hawkes will be dropped at the end of the semester. Do not wait until Sunday to complete all the quizzes assigned during the week. You will run out of time!

FORUMS/DISCUSSIONS

In addition to the discussions that I might post, read the discussions posted by other students to gain a better understanding of the course. You may post your own discussions at any time. Students in the past have used the discussion page to better understand homework problems assigned from the text. Before you send me an email asking for help, search for help by posting your questions on the discussion page titled "***Are you lost, stuck or confused***?". I will not respond immediately. I often wait for students to respond first before I respond. I believe that students can learn by helping other students.

EXAMS

A review sheet is posted for each exam in Canvas. There will be two take home exams, one mini online exam, and one cumulative final exam. Exams will be similar to lecture (Power Point) material, homework problems (both text and online), quiz problems, and the reading from the text. The exams are mandatory, cannot be made up, and cannot be taken at a later time. If you have special circumstances when taking exams, you need to let me know in advance. Exams 2, 3 will be take home exams. Mini exam 1 will take place online. The format of the final exam is still to be determined and will likely be a combination of both online and take home. Problems found on the take home exams will be most similar to text problems. Problems on the online Mini Exam will be most similar to the Hawkes certifies and quizzes.

EXAMS NEED TO BE TAKEN ON THE SCHEDULED DAY. YOU MAY NOT TAKE AN EXAM LATE FOR ANY REASON. DON'T ASK. If you miss the final exam, you will receive an F or FW for the course. No exceptions.

All exams are included in your grade. However, if you take all three exams, and your final exam grade is greater than 70%, I will replace your lowest exam score with your final exam score. If you miss an exam, and your final is greater than 70%, I will replace the zero with 80% of your final exam score.

SPECIAL CIRCUMSTANCES

Students with disabilities who are requesting accommodations should use the following SBCC procedure: contact the DSPS office in SS160 (ext 2364), present documentation of disability for review by a disabilities specialist, discuss options for support through DSPS, and present a signed DSPS authorization for accommodation to your instructor.

EXAM DATES, TIMES, AND ROOMS

Subject to change and notice will be given by email in Canvas.

	Date	Time	Location	Material Covered
Mini Exam #1	Thurs., July 9, 2020	Open at 6:00am	Online	See Review Sheet in Canvas
Exam #2	Thurs., July 16, 2020	Open at 3:00pm	Take home	See Review Sheet in Canvas
Exam #3	Tues., July 28, 2020	Open at 3:00pm	Take home	See Review Sheet in Canvas
Final Exam	Thurs., August 6, 2020	Open at 3:00pm	Take home & Online	Cumulative

GRADING CRITERIA

Your final course grade will be calculated based on exams 2 and 3 worth 18% each, mini exam 1 worth 12%, quizzes worth 16%, online homework worth 10%, labs worth 6% and a cumulative final worth 20%.

FINAL COURSE GRADE SCALE

90-100% …..... A	78-79%............C+	60-67%………D
88-89%............B+	70-77%…........C	Below 60%…. F if the course is completed
80-87%…..........B	68-69%............D+	Below 60%......FW if the course is not completed

Grades of A- and B- will be used as I see fit.
A failing grade will be assigned if the final is not taken.

I reserve the right to change this syllabus at any time. You will be given notice of any changes by way of email.