

Everything on this syllabus is subject to change due to changing Covid conditions

**MATH 117: ELEMENTARY STATISTICS ONLINE
SANTA BARBARA CITY COLLEGE
DEPARTMENT OF MATHEMATICS**

**SHORT TERM 2022
SECTIONS 68364**

DAVE GILBERT

OFFICE	IDC 345
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	On Campus: Monday and Wednesday 10:45am-12:15pm Online Zoom: Monday and Wednesday 10:45am-12:15pm, Friday 8:15-10:15am A link to Zoom is located in Canvas.
COURSE LOGIN	Your course is located in Canvas. Access Canvas through Pipeline by selecting the Canvas tab in Pipeline.
PHONE	(805) 965-0581 extension 2208

REQUIRED TEXT/SOFTWARE/HARDWARE (The first three items should be bundled in the bookstore)

- *Beginning Statistics*, 3rd 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. 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.

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.

WHEN USING CAMPUS PIPELINE, YOU MUST PLACE THE CRN IN THE SUBJECT LINE. EMAILS ARE FILTERED USING THE CRN. THERE IS NO GUARANTEE THAT I WILL GET IT IF YOU DON'T ADD THE CRN TO THE SUBJECT LINE.

MATH TUTORIAL LAB

The Math Tutorial/Computer Lab is open for student use during the semester. 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 1, 3 and the final **will** most likely take place as take home exams while possibly using Zoom for proctoring. Exam 2 will be online in Hawkes.

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.

LAB ASSIGNMENTS

There are two required lab assignments and one extra credit offered at the very end. 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 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. Emailed labs receive no credit.

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 can be completed late with a deduction of 5% per day for the first 3 days and then a standard 15% deduction after that. 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 or have some other commitment. Your 3 lowest or missed quiz scores in Hawkes will be dropped at the end of the semester.

FORUMS/DISCUSSIONS/ANNOUNCEMENTS

I will be posting discussions and or announcements in Canvas as they fit in with the topics of the course. They will count for a portion of your grade. I expect students to respond and discuss when appropriate and read any announcements posted. They will vary in topic. 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. In most cases I will not be the first to respond since I encourage and highly suggest that students become active in the conversation created through discussions. Before you send me an email asking for help, search for help by posting your questions on the discussion page and or check to see if there is already a thread of discussions related to your

question. I will not respond immediately since I often wait and encourage other students to respond first before I respond. I believe that students can learn by helping other students.

Be aware that not all student responses are correct since we are in a learning environment. I will do my best to add my voice to discussions in a timely manner before any discussion threads get too far off track.

EXAMS

A review sheet will be posted for each exam in Canvas. Exam details such as time frame and requirements will be made available in the review sheet on the first page. There will be two take home exams (they may require Zoom), 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 1, 3 will be take home exams. Mini exam 2 will take place online in Hawkes. The format of the final exam is still to be determined but it is cumulative. 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 do have conflicts, you may request a specific time window earlier in the day when an exam is scheduled. 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 and Details
Mini Exam #1	Thurs., March 17, 2022	Open at 5:00pm	Take home	See Review Sheet in Canvas
Exam #2	Thurs., April 14, 2022	Open at 6:00am	Online in Hawkes	See Review Sheet in Canvas
Exam #3	Thurs., April 28, 2022	Open at 5:00pm	Take home	See Review Sheet in Canvas
Final Exam	Tues., May 10, 2022	Open at 5:00pm	Take home & Online	Cumulative

GRADING CRITERIA

Your final course grade will be calculated based on exams 1 and 3 worth 17% each, mini exam 2 worth 12%, quizzes worth 16%, online homework worth 10%, discussions worth 2%, 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.