

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

**SUMMER 2024 SESSION #2
SECTIONS 80079 & 80760**

DAVE GILBERT

OFFICE	IDC 345
EMAIL	Use the campus Pipeline email dwgilbert@pipeline.sbcc.edu . Email is the best way to contact me.
OFFICE HOURS	Online using Zoom. Specific times will be posted at a later date in Canvas with a link to Zoom in Canvas as well. These will most likely change week to week.
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 (Please use email first)

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>.
- 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 in Canvas and at mathgilbert.org.

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!

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. The math lab is free to all students enrolled in SBCC math courses. Math lab hours do change from semester to semester so 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 however there are prerecorded lectures in Canvas. There is no mandatory on campus attendance however the exams **will** take place on campus with me or with an approved proctor if you are unable to attend. Exams are not online.

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 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 (called "Certifies") in Hawkes will be a part of your grade. I strongly suggest 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 regular exams or the final. The homework problems assigned from the text are the best problems to study when preparing for exams or the final.
- The homework problems found in Hawkes are the best problems to study from when preparing for the quizzes since the quizzes take place in Hawkes.

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 but please don't make skipping a habit.

LAB ASSIGNMENTS

There are two required lab assignments and possibly a third offered for extra credit. 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: labs are submitted in Canvas as a PDF file. No other form will be allowed. I have information in Canvas related to converting files to PDF's and there is an orientation exercise related to this on day 1. You will upload your completed lab in the assignment section of Canvas.

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 taken up to one week late for reduced credit. 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. **NO MAKE UPS!** Your 4 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

There will be a total of **three in person exams**. There are two regular exams and one cumulative final exam. All exams need to be taken on the scheduled date whether it is being taken with me and on campus or with an approved proctor. A review sheet will be available for each exam in Canvas approximately 3-4 days prior to the scheduled exam. Exams will be similar to lecture (Power Point) material, homework problems (mostly problems suggested in the text), 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. All exams will take place on campus unless you have made arrangements to use a proctor. Plan to stay for approximately 2 hours.

If you have conflicts that don't allow you to attend, special arrangements can be made for special circumstances. These special circumstances may require the use of a proctor. Information related to the use of a proctor can be found on the course homepage in Canvas. **YOU MAY NOT TAKE AN EXAM LATE FOR ANY REASON. PLEASE DON'T ASK.** If you miss the final exam, you will receive a failing grade of F or FW for the course. No exceptions.

If you are a DSPS student, make arrangements for your exam just as you would for an on-campus course. Use the DSPS online system to book your exams with DSPS. Be aware that this booking must be done at least 5 days in advance.

ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES

Disability Services and Programs for Students (DSPS) coordinates all academic accommodations for students with documented disabilities at Santa Barbara City College. If you have or think you might have a disability that impacts your educational experience in this class, contact DSPS to determine your eligibility for accommodations. DSPS can be reached by phone or email. The phone number is 805-730-4164 or send email to dsp@sbcc.edu.

If you have already registered with DSPS, please submit your accommodation requests via the '**DSPS Online Services Student Portal**' as soon as possible. This needs to be done each semester. If you have any questions or concerns about your accommodations, make an appointment with a DSPS Counselor. Please complete this process in a timely manner to allow adequate time to provide accommodations.

EXAM DATES, TIMES, AND ROOMS

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

	Date	Time	Location	Material Covered and Details
Exam #1	Thurs., July 18, 2024	5:00-7:00 pm	EBS 310	See Review Sheet in Canvas
Exam #2	Tues., July 30, 2024	5:00-7:00 pm	IDC 217	See Review Sheet in Canvas
Final Exam	Thurs., Aug. 8, 2024	5:00-7:00 pm	IDC 217	Cumulative

GRADING CRITERIA

Your final course grade will be calculated based on two exams worth 18% each, quizzes worth 18%, online homework worth 18%, discussions worth 2%, labs worth 6% and a cumulative final worth 20%.

PASS/NO PASS

I do not approve of taking this class P/NP. However, you do not need my permission to take this class P/NP. You may get approval from your academic counselor. Please consult with your academic counselor and make the best decision for yourself before the P/NP deadline. The decision you make is final and cannot be changed later. If you send a request to me, it will be denied automatically.

FINAL COURSE GRADE SCALE

90-100% A	70-77%.....C	Below 60%.... F if the course is completed
88-89%.....B+	68-69%.....D+	Below 60%.....FW if the course is not completed past
80-87%.....B	60-67%.....D	exam 3
78-79%.....C+		

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.