

**DAVE GILBERT**

**Office:** IDC 345  
**Office Hours:** Monday 11:00-12:45 pm, Wednesday 11:00-1:00 pm, Friday 11:00-12:15 pm  
**Email:** [dwgilbert@pipeline.sbcc.edu](mailto:dwgilbert@pipeline.sbcc.edu) (This is the best way of contacting me)  
**Course Web Page:** Canvas or <http://mathgilbert.org>  
**Phone:** (805) 965-0581 extension 2208

**REQUIRED MATERIALS**

- *Beginning Statistics*, 2<sup>nd</sup> ed., by Warren, Denley, and Atchley. (Text only)
- **Graphing Calculator:** A TI-84 graphing calculator.

**COURSE STUDENT LEARNING OUTCOMES**

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.

**ATTENDANCE**

Attendance is your responsibility. You are expected to attend every class meeting. If you are not attending class, I reserve the right to drop you up until the last drop date of the semester. Work missed during any absence cannot be made up and cannot be handed in at a later date. I drop your lowest or missed quiz score and three lowest or missed homework scores at the end of the semester to account for missed days.

**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 evening if you email me 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 missed class and you expect me to tell you everything you missed in email.
4. You ask for a grade other than the one **you** earned at the end of the semester.

**HOMEWORK**

*Statistics is not a spectator sport. I am a strong believer that statistics can only be learned by doing.* For this reason, I have numerous homework assignments for you. Each homework section assigned is worth 3-points if I collect it. Not all homework will be collected however you should be prepared to hand in each assignment. Your three lowest homework scores will be dropped at the end of the semester. Homework is collected at the beginning of class. Late homework is not accepted (Don't Ask). Late assignments are those that are not ready to be handed in when I collect the assignment. Late or sloppy papers will be returned and with no credit. Be neat, organized and show all work on each assignment. If you can think it, then I believe that you can write it. Staple all loose pages together and do not use spiral bound notebook paper. Use only 8.5 x 11-inch paper. If you need to ask whether or not your assignment is neat enough, do not hand it in. Finally, complete all assignments, quizzes, and exams using a pencil only. No pens!

**QUIZZES**

Quizzes will take place as shown on the schedule. Quizzes are based on problems found on the homework from the text. They cannot be made up. If you are doing your homework, there will be no surprise or trick questions. Quizzes are worth 20 points each, similar to homework problems, and will cover material since

the previous quiz. Your lowest or missed quiz score will be dropped. As I see fit, I reserve the right to add, change the date of, or cancel a quiz at any time. Notice will be given either in class or by way of email.

## LAB ASSIGNMENTS

There will be 3 to 4 lab assignments. Their due dates are shown on the semester schedule. Labs will be described in further detail during the course and are available in Canvas. The SPSS software needed is available on campus and by remote login to school computers from off campus. You do not need to buy it! I will discuss this in more detail as we approach the first lab. More information related to labs will be given to you during the semester and posted in Canvas.

## EXAMS

PENCILS ONLY! There will be 4 exams and one cumulative final exam. Exams will be similar to lecture material, homework problems, and text examples. My job is to teach the subject of statistics, not to trick you. The exams including the final 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. The final is mandatory, cumulative and must be taken at its scheduled time. Other than for the final, I do not plan to use scheduled class days for review days.

I DO NOT drop any exams or offer makeups. All exams are included in your grade. However, if you take all **four** exams, and your final exam is greater than 70%, I will replace your lowest exam score with your final exam score. If you miss an exam, I will replace the zero with 80% of your final exam score as long as the final is 70% or higher.

## EXTRA CREDIT

I don't have plans to give any except possibly the last lab. There is plenty of regular credit given throughout the semester. Extra credit does not replace what you don't know.

## SPECIAL CIRCUMSTANCES

Disabled Student Programs and Services (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 please contact DSPS to determine your eligibility for accommodations. DSPS is located in the Student Services (SS) Building, Room 162. Their phone number is 805-730-4164. If you are already registered with DSPS please submit your accommodation requests via the 'DSPS Online Services Student Portal' as soon as possible. Please complete this process in a timely manner to allow adequate time to provide accommodation.

## TENTATIVE EXAM TOPICS AND DATES

The dates are subject to change.

Exam 1	Friday, <b>February</b> 7, 2020	Review sheet in Canvas
Exam 2	Friday, March 6, 2020	Review sheet in Canvas
Exam 3	Monday, April 6, 2020	Review sheet in Canvas
Exam 4	Monday, April 27, 2020	Review sheet in Canvas
<u>Final Exam</u>	<u>CRN 55141: Mon, May 4, 8:00-10:00am</u> <u>CRN 65337: Wed, May 6, 8:00-10:00am</u>	<u>Cumulative. Scantron 882</u> <u>required for final</u>

## GRADING CRITERIA

Your final course grade will be calculated based on 4 exams worth 15% each, quizzes worth 10%, homework worth 6%, SPSS labs worth 6% and a cumulative final worth 18%.

## 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 exam is not taken.

**I RESERVE THE RIGHT TO CHANGE THIS AT ANY TIME.**