

**MATH 15**  
**Spring 2019**  
**Statistics Sec. 5113**  
**TH 9:00- 11:00 AM**

**Sara Jones**  
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**1454 Bussmann**

**Office Hours: Mon. and Wed. 8:30- 9:30 AM 2:30-3 PM, Tues. and Thurs. 11 - 11:30 AM and by appointment. E-mail Hours: Wednesday 8-9 PM**

**Required Materials:**

- Elementary Statistics, Thirteenth Edition, by Triola
- Access to MyMathLab: From Course Cubbie with access code from text
- A Graphing Calculator: TI-84
- 3 ring binder to keep text, classwork and homework

**Course Outline and Student Learning Outcomes:**

[https://portal.santarosa.edu/SRWeb/SR\\_CourseOutlines.aspx?mode=1&CVID=37479&Semester=20177](https://portal.santarosa.edu/SRWeb/SR_CourseOutlines.aspx?mode=1&CVID=37479&Semester=20177)

**Sustainability** will be included as class examples, homework problems, and projects. Sustainability issues will be integrated into the learning of statistics to help enlighten, engage and motivate students to pursue sustainability in their future careers and engage in personal activities that will positively affect the environment in which we live.

**Homework** will be collected at the beginning of each class. Each section will be worth 20 points: 10 will be based on the Refrigerator Homework problems, and 10 points will be based on your computer homework. Refrigerator homework problems done from the text should be handed in stapled on top of your work for the computer homework for the same section and should be well labeled. Both should be done neatly with a two-column format, answers circled, and space left for comments between problems. Refrigerator Homework(RH) should be so complete, beautiful, and clear enough that it is suitable for display on your refrigerator. For Computer Homework(CH) you must state the problem and show all work, write the percentage correct on the top, and staple it to the back of your Refrigerator Homework. In cases of illness or emergency, late homework will be accepted but will be worth 7/10 for the Refrigerator part.

**Quizzes** will be given regularly. **Unannounced quizzes may be given at the beginning or end of any class.** You should ask for copies of missed quizzes to be completed at home and receive 7/10 credit. Any quiz on which you receive less than half credit may be corrected within a week to get up to half credit. The sum of the quiz grades will be worth a test grade.

**In Class Test** dates are listed below, and cannot be made up. The final is cumulative. Grade on final can replace a missed test grade. Test points have more weight than homework points.

**Dates to remember:**

February 15 .....	PDA Day No class
February 21, .....	Test 1
March 28, .....	Test 2
April 25,.....	Test 3
March 19-22, .....	Spring Break
May 2, .....	Project Due
May 23, .....	Final

**Class Project** will be worth about a test grade and will be completed in 2 parts as we work through the course.

**GRADING: If you want to pass, come to class, do the homework, and see me if you need help!!**

Tests (3 exams at 12% each) .....	36%
Final Exam .....	34%
Project .....	10%
Daily written homework .....	10%
Quizzes .....	10%

Course grades use the following scale:

**A:** 90-100

**B:** 80-89

**C:** 70-79

**D:** 60-69

**F:** 0-59

Example: Mr. Bill has scores of 70, 75, and 90 on his three tests and his final exam score is 70. His project score is 85 and his homework average is  $567/600 = 94.5\%$  and his quiz average is 100%. His course grade is then  $0.12*(70+75+90) + 0.34*70 + 0.1*85 + 0.15*94.5 + 0.10*100 = 84.7$ , a B in the class.

**Assistance** can be found at the Mathematics Computer Lab, the MESA center, and the Tutorial Center in the Library, in my office, or via e-mail.

- The Math Department office has a list of private tutors. This list can be found on the Math Department web site at <https://mathematics.santarosa.edu/tutor-list>
- If you need disability related accommodations for this class, such as a note taker, test taking services, special furniture, use of service animal, etc., please provide the Authorization for Academic Accommodations (AAA letter) from the Disability Resources Department (DRD) to me as soon as possible. You may also speak with me privately during office hours about your accommodations. If you have not received authorization from DRD, it is recommended that you contact them directly. DRD is in Bertolini Student Center, Third Floor, Room 4844 on the Santa Rosa campus, and the Petaluma Village on the Petaluma Campus.

### Homework Hints

- Check odd answers in the back of your book. If you are assigned an even problem and don't know what the answer should include, look at the previous odd answer for the correct form.
- Ask for help before the class in which the assignment is due. I am happy to help.
- Write in complete sentences and equations. Learn the correct notation and symbols as soon as possible.
- Collaborate with a classmate to check answers and work on the problems.
- Fold paper to form two columns. Circle or box Answers. Leave blank space between problem for corrections and comments.

### Classroom Conduct

- Please turn off and put away all phones, pagers, music, etc. upon entering class. If I **see or hear** your phone or any other electronic device during class besides your calculator, you will be asked to leave class for the day. You will not be able to make up any work missed.
- If you are caught cheating, you will receive a zero for that test/assignment. You will also be suspended from class for two class meetings and you will not be allowed to make up any missed work. If you are caught cheating there will also be a letter written to the Vice President of Student Services to report the incident. The Vice President may then take additional disciplinary action ranging from reprimand to expulsion.
- The SRJC Rights and Responsibilities for students can be found at the following site: <https://studentlife.santarosa.edu/rights-and-responsibilities>

**Emergency Evacuation Plan**

In the event of an emergency during class that requires evacuation of the building, please leave the class immediately and calmly. Our class will meet on the lawn in front of Shuhaw to make sure everyone got out of the building safely and to receive further instructions. If you are a student with a disability who may need assistance in an evacuation, please see me as soon as possible to discuss an evacuation plan.

**Student Success**

- Come to class ready to learn.
- Make sure you eat, sleep and exercise.
- Read the material that will be covered before and after class.
- Always complete homework on time.
- Turn in all homework and quizzes.
- If you miss class, contact me via email immediately to schedule and make up any missed work.
- Do a little homework each day.
- Work for this class will take between 4 and 6 hours outside of class each week. Be sure to schedule time to complete this work at the beginning of the semester.
- Enlist support from employers and loved ones right now.
- Get to know and work with classmates outside of class time.
- Keep a binder containing all classwork and record grades on Homework Assignment Sheet
- Use pencil ONLY and erase your mistakes.
- Health issues (physical and mental) can interfere with your academic success. Student Health Services is here to support you. Details are at [shs.santarosa.edu](https://shs.santarosa.edu).

5113	Statistics Calendar	Math 15	Jones Spring 2019
Tuesday	9-11 AM	Thursday	1454 Shuhaw
15-Jan	1.1 Statistical Thinking	17-Jan	1.2 and 1.3 Data Collection
22-Jan	2.1 Frequency Distributions	24-Jan	2.3 Graphs
	2.2 Histograms		
29-Jan	3.1 Measures of Center	31-Jan	3.3 Measures of Relative Standing,
	3.2 Measures of Variation		4.1 Probability
5-Feb	4.2 Addition and multiplication Rules	7-Feb	4.4 Counting
	4.3 Complements and conditionals		
12-Feb	5.1 Discrete Dist. & Random Variables	14-Feb	No School
19-Feb	Review	21-Feb	Test 1
	5.2 Binomial Prob. Dist.		Chapters 1-4
26-Feb	5.3 Poisson Probability Distributions	28-Feb	6.2 Applications
	6.1 Standard Normal Distribution		6.3 Sampling Distributions
5-Mar	6.4 The Central Limit Theorem	7-Mar	7.1 Estimating a Population Proportion
	6.5 Assessing Normality		
12-Mar	7.2 Estimate Mean	14-Mar	7.3 Estimating a Population Variance
19-Mar	Spring Break	21-Mar	Spring Break
	No School		No School
26-Mar	Review	28-Mar	Test 2
			Chapter 5-7
2-Apr	8.1 Hypothesis Testing	4-Apr	8.1 Hypothesis Testing
9-Apr	8.2 Testing a Claim about a Proportion	11-Apr	8.3 Testing a Claim About a Mean
16-Apr	9.1 Two Proportions	18-Apr	9.2 Inferences about Two Means
			9.3 Inferences about Matched Pairs
23-Apr	Review	25-Apr	Test 3
			Chapters 8 and 9
30-Apr	10.1 Correlation	2-May	10.3 Prediction Intervals
	10.2 Regression		
7-May	11.1 Multinomial Experiments GOF	9-May	11.2 Contingency Tables X2
14-May	12.1 ANOVA	16-May	Review
21-May		23-May	Final 7 AM - 10-AM
Course Code:	jones95587		Cumulative Chapters 1-12

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Tuesday	9:00-11:00 AM	Thursday	1454 Bussman
15-Jan		17-Jan	1.1 #1,8,15,26,30
22-Jan	1.2 #1,2,5,11,16,26	24-Jan	2.1 # 6,11,14,18
	1.3 #10,13,20,24,28		2.2 #6,9,12,16 print Histogram
29-Jan	2.3 #6,8,10,17,20	31-Jan	3.1 #4,16,24,28
5-Feb	3.2 #2,16,24,28,36,42	7-Feb	4.1 #10,22,26,33,37
	3.3 #5,8,10,14,32,33		4.2 #21,22,24,26,28,29
12-Feb	4.3 #2,7,10,17,18,20,22	14-Feb	PDA Day No class
	4.4 #8,23,28		
19-Feb	Practice Test 1	21-Feb	Test 1
			Chapters 1-4
26-Feb	5.1 #12,20,21,25,28,30	28-Feb	5.2 #14,25,30,36,38
			5.3 #1,6,13
5-Mar	6.1 #11,16,31,38,42	7-Mar	6.3 #1,6,10,16
	6.2 #8,11,18,24,32		6.4 # 4,8,10, 12,13,14,16,18
12-Mar	6.5 #3,4,8,10,14 Print QQPlot	14-Mar	7.2 #6,19,22,26,32
	7.1 #13,16,20,24,32		
19-Mar	Spring Break	21-Mar	Spring Break
	No Class		No Class
26-Mar	7.3 #10,14,16,20	28-Mar	Test 2
	Practice Test 2		Chapter 5,6 and 7
2-Apr		4-Apr	8.1 #3,6,10,14,25,26,30
9-Apr	8.2 #6,8,9,13,20,26	11-Apr	8.3 #1,7,10,17,22
	Graph and label both axes of Normal		Graph and label both axes of Normal
16-Apr	9.1 #4,8,10,15,18	18-Apr	9.2 #1,2,12,16,18
23-Apr	9.3 #1,6,15,18	25-Apr	Test 3
	Practice Test 3		Chapters 8, 9 and 10
30-Apr	10.1 #4,5,20,21,26	2-May	10.3 #2,8,15,20
	10.2 #6,20,21,26		Project Due
7-May	11.1 #6,8,10,11,16	9-May	11.2 #11,13,20
14-May	12.1 #9,14	16-May	Practice Final
21-May		23-May	Final 7-10 AM Chapters 1-13

## Student Registration Instructions for Canvas

1. Sign in to Canvas and enter your Canvas course.
2. Do one of the following:
  - » Select any Pearson link from any module.
  - » Select a MyLab and Mastering link in the Course Navigation. Next, select **Open MyLab and Mastering** or a content link.

## Next, get access to your Pearson course content

1. Enter your Pearson account **username** and **password** to **Link Accounts**.
  - » You have an account if you have ever used a MyLab or Mastering product.
  - » If you don't have a Pearson account, select **Create** and follow the instructions.
2. Select an access option:
  - » Enter the access code that came with your textbook or that you purchased separately from the bookstore.
  - » If available for your course,
    - Buy access using a credit card or PayPal.
    - Get temporary access.
3. From the You're Done page, select **Go to My Courses**.

**Note:** We recommend you always enter your MyLab Math course through Canvas.

## Get your computer ready

For the best experience, check the system requirements for your product at <https://www.pearsonmylabandmastering.com/system-requirements/>

**Need help?** For help with MyLab Math for Canvas, go to [https://help.pearsoncmg.com/integration/cg/canvas/student/en/content/get\\_started.htm](https://help.pearsoncmg.com/integration/cg/canvas/student/en/content/get_started.htm)