

**MATH 15**  
**Spring 2018**  
**Statistics**  
**T,TH 9-11 AM sec. 5112**

**Sara Jones**  
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**Office: Shuhaw 1714 527- 4296**  
**1713 Shuhaw**

**Office Hours: Mon. – Thurs. 11-11:30 AM, Tues. and Thurs. 8-9 AM**  
**and by appointment**

**E-mail Hours: Tuesday and Wednesday 8:30-9 PM**

**Required Materials:** *Elementary Statistics Thirteenth Edition*, by Mario Triola

Access to MyMathLab: <http://www.coursecompass.com>, Course ID jones94245

A Graphing Calculator: TI-83, TI-84

3 ring binder to keep text, class work and homework

### **Santa Rosa Junior College 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)

**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 about a test grade.

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

**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.

**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.

### **Dates to remember:**

January 16 .....	PDA Day No class
February 22, .....	Test 1
February 15, .....	PDA Day No class
March 19-23, .....	Spring Break
April 3, .....	Test 2
May 3 .....	Test 3
May 24, .....	Final

**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 located 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>

### 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 e-mail 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).

### 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.

5112	Statistics Calendar	Math 15	Jones Spring 2018
Tues.	9-11 AM	Thurs.	1713 Shuhaw
16-Jan	Teacher Work Day	18-Jan	1.1 Statistical Thinking
23-Jan	1.2 and 1.3 Data Collection	25-Jan	2.1 Frequency Distributions
30-Jan	2.2 Histograms 2.3 Graphs	1-Feb	3.1 Measures of Center 3.2 Measures of Variation
6-Feb	3.4 Measures of Relative Standing, 4.1 Probability	8-Feb	4.2 Addition and multiplication Rules
13-Feb	4.3 Complements and conditionals 4.4 Counting	15-Feb	Teacher Work day No School
20-Feb	5.1 Discrete Dist. & Random Variables Review	22-Feb	Test 1 Chapters 1-4
27-Feb	5.1 Discrete Dist. & Random Variables 5.2 Binomial Prob. Dist.	1-Mar	5.3 Poisson Probability Distributions 6.1 Standard Normal Distribution
6-Mar	6.2 Applications 6.3 Sampling Distributions	8-Mar	6.4 The Central Limit Theorem 6.5 Assessing Normality
13-Mar	7.1 Estimating a Population Proportion	15-Mar	7.2 Estimate Mean
20-Mar	Spring Break	22-Mar	Spring break
27-Mar	7.3 Estimating a Population Variance	29-Mar	8.1 Hypothesis Testing Review
3-Apr	Test 2 Chapter 5-7	5-Apr	8.1 Hypothesis Testing
10-Apr	8.2 Testing a Claim about a Proportion	12-Apr	8.3 Testing a Claim About a Mean
17-Apr	9.1 Two Proportions	19-Apr	9.2 Inferences about Two Means 9.3 Inferences about Matched Pairs
24-Apr	10.1 Correlation 10.2 Regression	26-Apr	10.3 Prediction Intervals
1-May	Review	3-May	Test 3 Chapters 8 and 9
8-May	11.1 Multinomial Experiments GOF	10-May	11.2 Contingency Tables X2
15-May	12.1 ANOVA	17-May	Review
Go to: Course Code:	pearsonmylabandmastering.com  jones54869	24-May	Final 7 AM - 10-AM  Cumulative Chapters 1-12

MATH 15

STATISTICS

jones94245

1091	9:00-11:00 AM	Triola	Elementary Statistics 13th Edition
Tues	1715 SHuhaw	Thurs	Refrigerator Homework
16-Jan	PDA Day No class	18-Jan	
23-Jan	1.1 #1,8,15,26,30	25-Jan	1.2 #1,2,5,11,16,26
			1.3 #10,13,20,24,28
30-Jan	2.1 # 6,11,14,18	1-Feb	2.3 #6,8,10,17,20
	2.2 #6,9,12,16		
6-Feb	3.1 #4,16,24,28	8-Feb	3.3 #5,8,10,14,32,33
	3.2 #2,16,24,28,36,42		4.1 #10,22,26,33,37
13-Feb	4.2 #21,22,24,26,28,29	15-Feb	PDA Day No class
	4.3 #2,7,10,17,18,20,22		
20-Feb	4.4 #8,23,28	22-Feb	Test 1
	Practice Test 2		Chapters 1-4
27-Feb	5.1 #12,20,21,25,28,30	1-Mar	5.2 #14,25,30,36,38
			5.3 #1,6,13
6-Mar	6.1 #11,16,31,38,42	8-Mar	6.3 #1,6,10,16
	6.2 #8,11,18,24,32		
13-Mar	6.4 #8,12,13,16,18	15-Mar	7.1 #13,16,20,24,32
	6.5 #3,4,8,10,14		
20-Mar	Spring Break	22-Mar	Spring Break
27-Mar	7.2 #6,19,22,26,32	29-Mar	7.3 #10,14,16,20
			Practice Test 2
3-Apr	Test 2	5-Apr	
	Chapter 5,6 and 7		
10-Apr	8.1 #3,6,10,14,25,26,30	12-Apr	8.2 #6,8,9,13,20,26
17-Apr	8.3 #1,7,10,17,22	19-Apr	9.2 #1,2,12,16,18
	9.1 #4,8,10,15,18		
24-Apr	9.3 #1,6,15,18	26-Apr	10.1 #4,5,20,21,26
			10.2 #6,20,21,26
1-May	10.3 #2,8,15,20	3-May	Test 3
	Practice Test 3		Chapters 8, 9 and 10
8-May		10-May	11.1 #6,8,10,11,16
15-May	11.2 #11,13,20	17-May	12.1 #9,14
Code:			Practice Final
22-May	pearsonmylabandmastering.com	24-May	Final 7-10 AM
	jones94245		Cumulative Chapters 1-12

## Pearson's MyLab & Mastering Student Registration Instructions

To register for [Math 15 Statistics Spring 2018 Jones 5112](#)

1. Go to [www.pearsonmylabandmastering.com](http://www.pearsonmylabandmastering.com)
2. Under Register, select **Student**.
3. Confirm you have the information needed, then select **OK!** Register now.
4. Enter your instructor's course ID: jones94245, and **Continue**.
5. Enter your existing Pearson account **username** and **password** to **Sign In**.
  - You have an account if you have used a Pearson product, for example: MyMathLab, MyITLab, MyPsychLab, MySpanishLab or Mastering, such as MasteringBiology.
  - If you don't have an account, select **Create** and complete the required fields.
6. Select an access option.
  - Use the access code that came with your textbook or that you purchased separately from the bookstore.
  - Buy access using a credit card or PayPal account.
  - If available, get 14 days temporary access. (The link is near the bottom of the screen.)
7. From the confirmation page, select **GoTo My Courses**.

On the My Courses page, select the course tile [Math 15 Statistics Spring 2018 Jones 5112](#)

8. to start your work.

To sign in later:

1. Go to [www.pearsonmylabandmastering.com](http://www.pearsonmylabandmastering.com).
2. Select Sign In.
3. Enter your Pearson account username and password, and Sign In.
4. Select the course tile [Math 15 Statistics Spring 2018 Jones 5112](#) to start your work.

To upgrade temporary access to full access:

1. Go to [www.pearsonmylabandmastering.com](http://www.pearsonmylabandmastering.com).
2. Select Sign In.
3. Enter your Pearson account username and password, and Sign In.
4. Select Upgrade access from the course title **Math 15 Spring 2018 Jones Statistics**
5. Enter an access code or purchase access with a credit card or PayPal account.

For a registration overview, go to [www.pearsonmylabandmastering.com/students/get-registered](http://www.pearsonmylabandmastering.com/students/get-registered). Scroll down to Need a little help? and select a video.